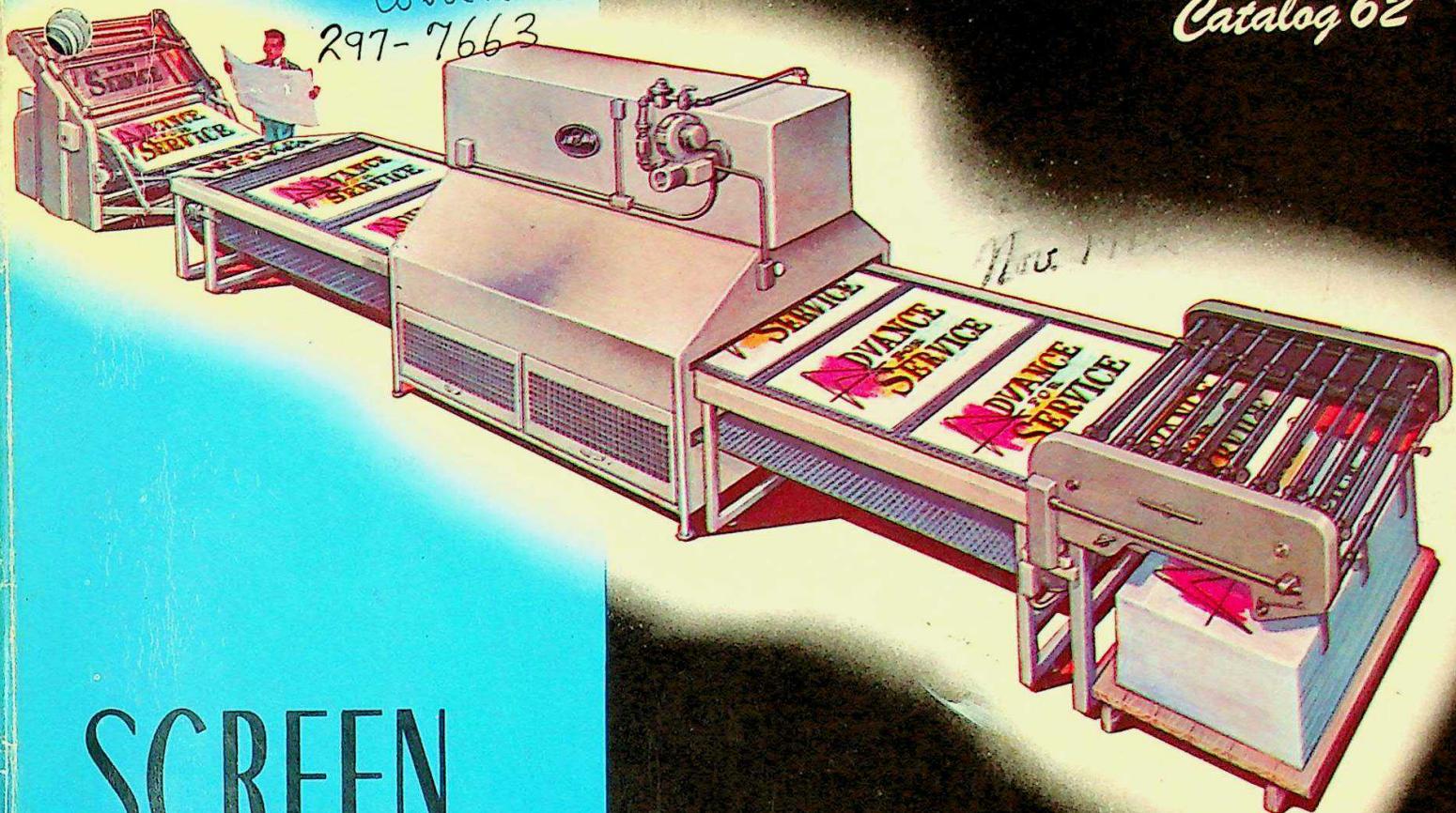


Catalog 62

"Woodie"  
297-7663



No. 11

# SCREEN PROCESS SUPPLIES

**colors  
equipment  
decoratives  
services**

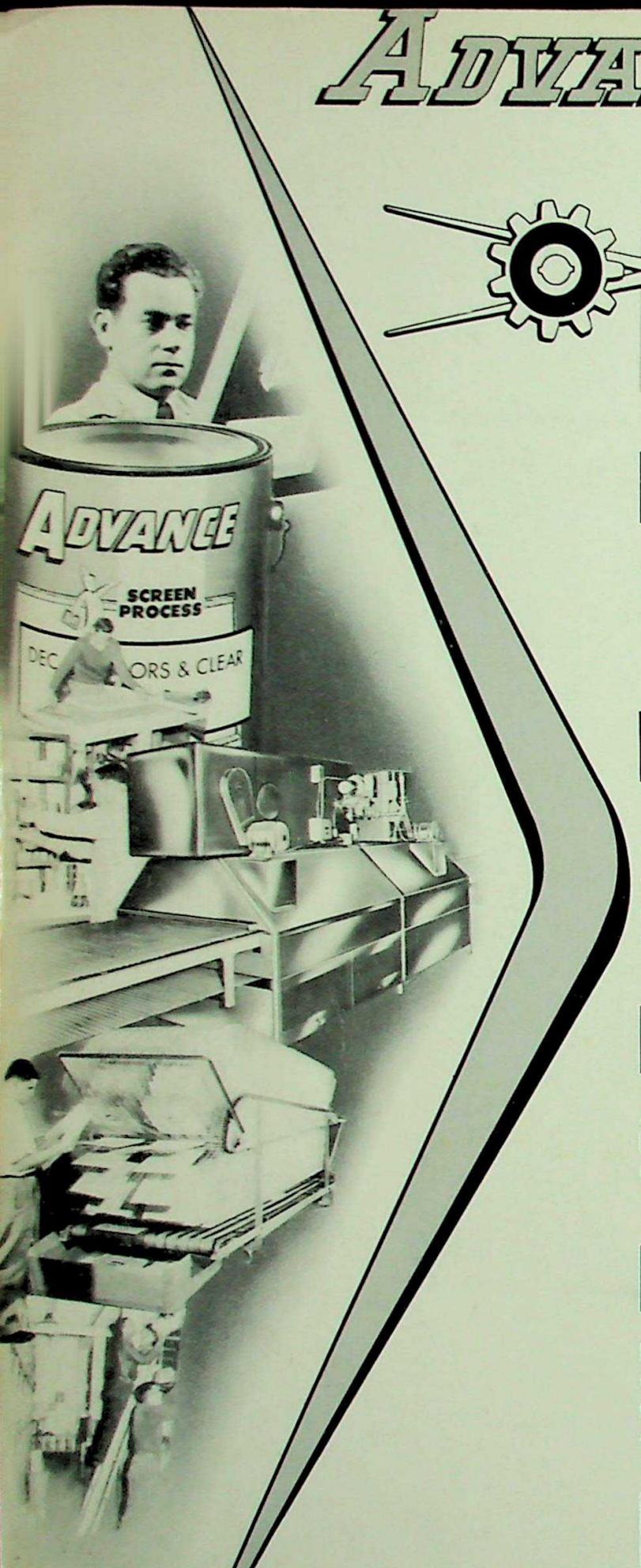
**ADVANCE**

PROCESS SUPPLY CO., INC.

2315 WEST HURON STREET

CHICAGO 12, ILLINOIS U.S.A. • ALL PHONES: DICKENS 2-6600

# *ADVANCE'S* 5 DIVISIONS



as your Basic  
finest in

## COLOR

Advance manufactures a complete line of Screen Process Colors, Clear Bases, and Specialty Paints . . . produced under Quality Control for application to every type surface and material.

## EQUIPMENT

Advance manufactures the latest Computerized Jet, Wicket type, and Infra-Red drying systems. Advance is your distributor for the most complete line of presses, photographic, screen making units, coolers, squeegee sharpeners, etc.

## SUPPLIES

Always in stock for immediate delivery . . . films, meshes, block-outs, squeegees, tapes, process hardware and many other items.

## SERVICES

Full facilities to give you high speed service on your ready-to-print screen orders . . . complete art, photography, typography and mechanical drawing service. All at low unmatched prices.

## DECORATIVES

Tinsels, Flitter, Flock, Adhesives . . . for every conceivable decorative application . . . Flocking Equipment also available.

# S dedicate Catalog 62 to you

## THE SCREEN PROCESSOR

guide for the procurement of the  
Screen Process



**PROCESS SUPPLY CO., INC.**

2315 WEST HURON STREET CHICAGO 12, ILLINOIS U.S.A. • ALL PHONES: DICKENS 2-6600

### EQUIPMENT

Dryers  
Presses  
Printing Aids  
Conveyors  
Photographic  
Roller Coaters  
Screen Washers  
Safety Equipment

### COLORS

Screen Process  
Industrial  
Printed Circuits  
Specialty Types  
Bases, Solvents  
Chemical Compounds

### SUPPLIES

Films  
Tools  
Meshes  
Lumber-Frames  
Squeezers  
Art Materials  
Plastic, Paper  
Cardboard  
Specialty Stocks

### DECORATIVES

Flock  
Tinsel  
Glitter  
Beads  
Thermograph

### SERVICES

Screens  
Photography  
Typography  
Art



Gentlemen:

Again Advance forges forward with ...

Another edition of its 1962 Catalog - Yes, it is still  
the most complete standard guide to Screen Process: -

### COLORS

### EQUIPMENT

### SUPPLIES

### SCREENS

### DECORATIVE MATERIALS

Tremendous progress has been made since our last catalog  
edition ... Yet, One Policy persists: - "To serve you quickly  
with the very best in Screen Process materials".

The use of Screen Process Printing has expanded powerfully.  
No other Graphic Arts method can match its vivid individuality  
and great versatility.

Advance has its eyes on the future. Our growth is coupled  
with yours and for this reason every energy is exerted to develop  
process printing still further. Five specialized divisions are  
co-ordinated by a team of experts to fulfill your requirements.

Volume purchasing power and efficient production facilities  
will certainly assist us in maintaining the low printed prices in  
this catalog. Every effort will be excercised to maintain them  
and we hope to reduce them. Rest assured, however, we will never  
compromise on our quality and service.

Please accept our gratitude and appreciation to you - who  
have made this catalog possible - May we continue to serve you.

Sincerely,

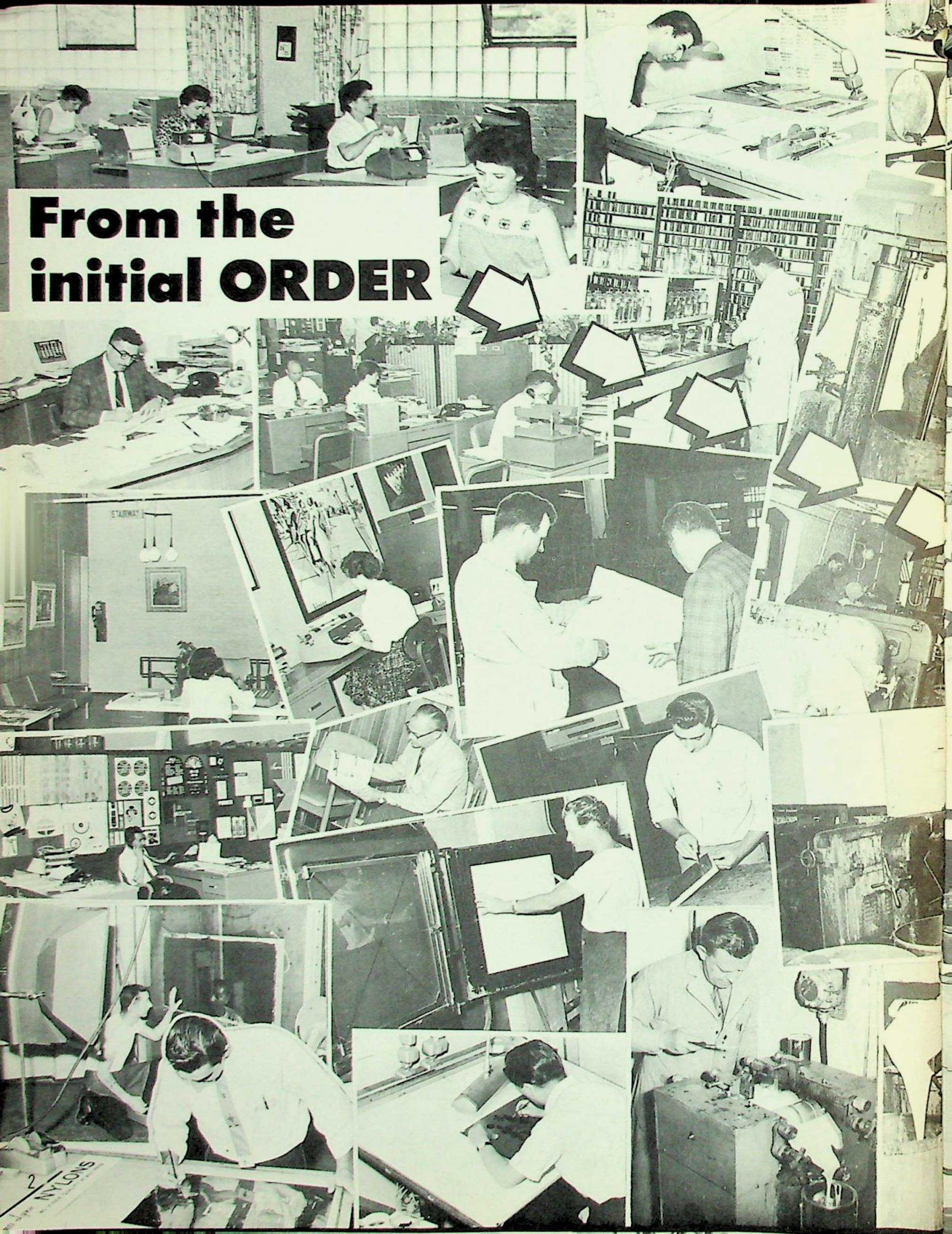
ADVANCE PROCESS SUPPLY COMPANY, INC.

Melvin E. Green, President

MEG:pbz

Phone . . . Wire . . . or Write to Advance. You will receive  
the most complete, prompt and courteous service . . . from  
the initial order to the final shipment.

# From the initial ORDER

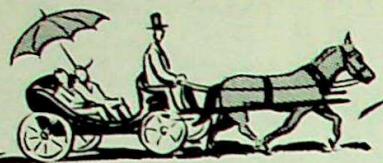




**to your  
prompt  
shipment**

*May we be  
of Service  
to you?*

**ADVANCE**  
PROCESS SUPPLY CO., INC.  
235 W. HURON ST.



### Once Upon a Time . . .

The Silk Screen Process was a limited hand printing method for reproducing colors in small quantities.

### Today . . .

Automation has increased the production of any size print. Specialized inks, materials, and modern photo screen techniques offer a tremendous variety of uniform single and multi-color effects.

Screen Process prints thru "the plate", therefore it offers quality, versatility and advantages unobtainable in any other printing method. Screen Process prints on everything. Screen Process printing is limited only by the craftsman and his own Creativeness.

### The Future . . .

The Screen Process printing technician and his supplier and manufacturer work together even closer with a unified goal -

1. To build a strong permanent member of the Graphic Arts.
2. To Standardize Methods, materials and terminology
3. To produce at even greater printing speed without sacrificing the finest detail, sharpness and accuracy.
4. Screen Process will print any size automatically from sheet or roll at letter press and offset speeds.
5. The future of our process is unlimited . . .

The Time for progress is **NOW.**

ADVANCE PROCESS SUPPLY CO.



**ADVANCE** PROCESS SUPPLY CO., INC.

CHICAGO 12, ILLINOIS U.S.A.

# *It's Easy to order from ADVANCE*

ADVANCE is a specialized organization catering for years expressly to the Silk Screen Industry. ADVANCE has lived with, and analyzed the Silk Screen printers needs. You can secure with one order your every Silk Screen requirement. ADVANCE sells highest quality colors, supplies and equipment.

ADVANCE stocks are complete, meaning no delay in filling your orders. Excellent equipment enables us to manufacture special colors, squeegees, frames, screens, etc. to your most exacting specifications. -- No time is lost at ADVANCE, and your order is sped on its way without delay. Nowhere can you find as complete a selection as at ADVANCE.

## NOWHERE CAN YOU FIND SUCH SERVICE

Price is quite important too. ADVANCE constantly is striving to lower costs and pass on savings to you. Most definately you can feel assured that prices are competitive at ADVANCE.

It's easy to order at ADVANCE. Just fill out simple order blank and mail in self addressed envelope. ADVANCE is equipped with every device and system for fulfilling your order swiftly and accurately.

Remember...no order is too small and none too large.

## OPEN ACCOUNTS ARE WELCOME AT ADVANCE ----

It's the easiest and most convenient way to "Buy from ADVANCE". You are not bothered by sending cash or checks with your orders...simply mail your order and pay the invoice after you receive your merchandise or pay at the end of the current month, whichever you prefer.

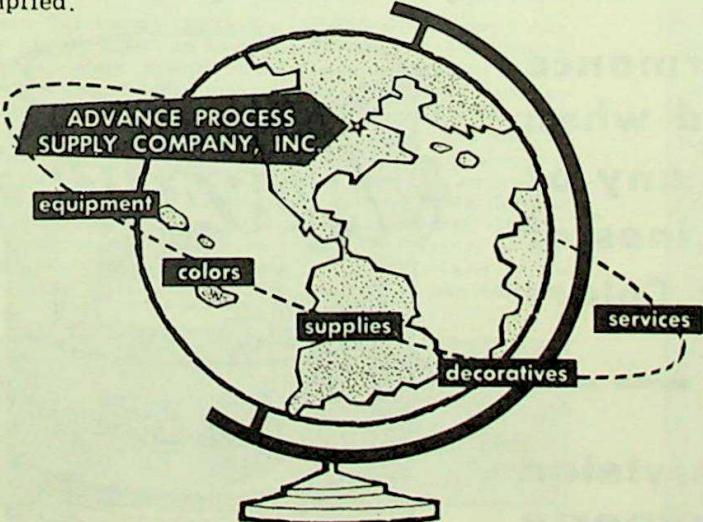
Hundreds of our customers buy regularly on Open Account and we invite you to join them in this simplified, modern way to do business. We will be able to serve you faster and better and you will be well pleased with the convenience of your ADVANCE charge account.

Write for a credit information blank or send three trade references and the name of your bank.

To avoid delay in initial orders, shipments will be made C.O.D. unless accompanied by a check or money order.

All prices are F.O.B. Chicago unless otherwise indicated. Freight and express shipments will be sent collect. All colors and thinners will be shipped by truck or rail.

All products and materials listed are sold without warranties expressed or implied.



**Write, Wire, Phone "all your  
needs in One Order"**



**Open Accounts Welcome**



**Complete Stock  
... Fast Service**



## *Your Guarantee of Satisfaction*

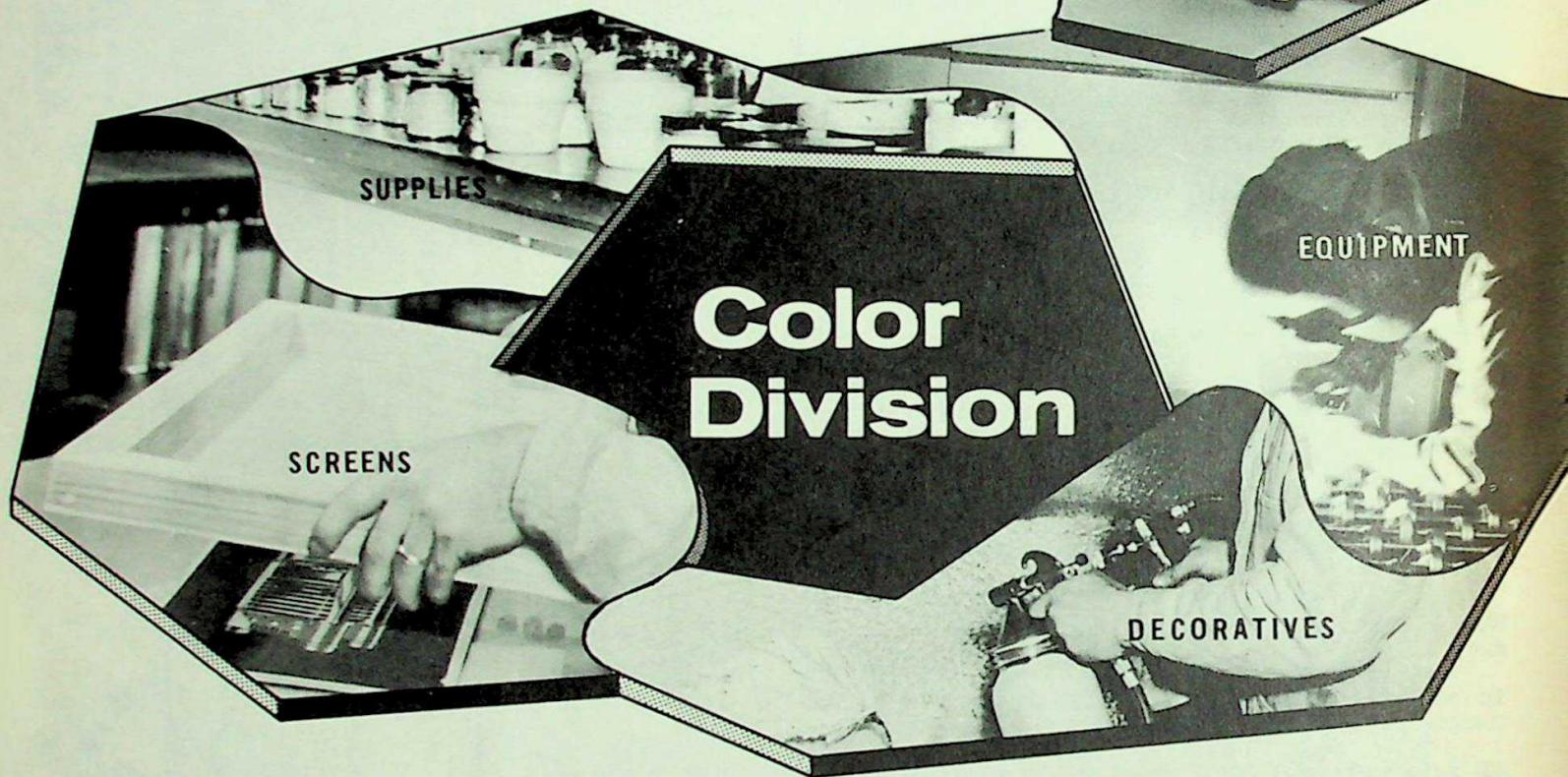
We guarantee that all merchandise listed in this catalog is faithfully described, and will perform satisfactory if used as directed. All products are made of highest quality materials and our prices are the lowest possible. We must satisfy you perfectly, or your money will be refunded.

**ADVANCE PROCESS SUPPLY CO.**

**ADVANCE PROCESS SUPPLY CO., INC.**

CHICAGO 12, ILLINOIS U.S.A.

**ADVANCE'S QUALITY  
COLOR FORMULATION**  
*is the result of...*



*Understanding the Complete picture*



**Top Quality and Performance  
is assured when  
you purchase any of  
ADVANCE'S 25 Lines of  
Screen Process Colors**

**all under the rigid supervision  
of color experts...**



**ADVANCE** PROCESS SUPPLY CO., INC.

CHICAGO 12, ILLINOIS U.S.A.



### SUGGESTED USE

High quality poster and display work; hardboards; wallpaper printing; fine art production; greeting cards. May be mixed with enamels for sharp semi-gloss effects. For very absorbent surfaces such as dark cloth, this mixture produces excellent opacity and flexibility.

### TYPE PRODUCT

Signal Screen Process colors are made from only the highest quality evaporative type resins. Its formulation provides a universal screen ink which can be intermixed with practically all existing poster and enamel products. Any mild type solvent can be used to thin and washup. For halftones and fine detail printing use only slow wetting solvents as T-948 with transparent Base No. SP-800.

### GENERAL DESCRIPTION

SIGNAL Silk Screen Process Colors are different from the conventional type poster colors. The drying of these colors is positive due to a new formulation principle. Speedy uninterrupted silk screen printing, hand or machine, is assured with this new brilliant color line. Adhesion, flexibility, and durability of coating is good.

### COLOR SPECIFICATIONS

All Signal colors dry to a flat velvety finish. Opacity is excellent. Color mileage is approximately 1200-1400 square feet per gallon.

Dry time is very good ... AIR DRY is 20 minutes on Racks and 15 minutes on the Auto-Rack. JET drying is approximately 15 seconds at 250°. Signal colors have excellent adhesion to most surfaces. All colors intermix easily and are compatible with all other flat finish inks.

### PROCESS PRINTING INSTRUCTIONS

It is simple to use SIGNAL Process Colors. Prepare any type Silk Screen, Photo, Water Soluble, or Lacquer. While any mesh can be used, 12XX and 14XX is more appropriate for poster printing. This product can be silk screened straight out of the can or reduced in the following manner:

Just mix Transparent Base No. SP-800 with color. Any amount of this base can be easily stirred in and is limited only by coverage specifications, however, 25% is usual. Naturally a larger percentage of base reduces the color to transparency. To add additional flexibility to SIGNAL Silk Screen Process Colors, 10% to 20% Flexible Binding Varnish No. SP-880 can be added. This is necessary only when the printed product is to be folded, die-cut, scored, or embossed. The addition of 20% Flexible Binding Varnish No. SP-880 also increases the adhesion of SIGNAL Process Colors. When printing solid areas thin with Mineral spirits or any mild Naptha. Washup thoroughly with same thinner. Use slow wetting solvent T-948 for fine detail and halftone printing.

**FOR A SUPERIOR GLOSS OVERPRINT USE  
CLEARPRINT #8888 SLOW-DRY SYNTHETIC,  
OR HL-838 LACQUER WATER WHITE CLEAR  
COAT.**

**A.S.K FOR COLOR CARDS  
AND ADDITIONAL QUANTITY DISCOUNTS**

# SIGNAL INTENSIFIED POSTER COLORS (SP Series)

## A FLAT VELVET FINISH, POSITIVE DRY POSTER COLOR

### Check These Outstanding Features:

- Brilliant opaque colors
- Prints sharp and smooth
- Positive air dry in 20 minutes
- Can be overprinted without pickup
- Thins with mineral spirits
- Non-clog in screen
- Mixes easily with most oil base colors
- Adheres to a variety of materials: paper, cardboard, wood, masonite, etc., etc.
- Colors can be silk screened straight or reduced

Color Series and Number	Quarts	Single Gallon	5-gallon Cans
SP-100 White	\$2.35	\$7.90	\$7.40
SP-204 Light Yellow	2.65	9.20	8.70
SP-210 Lemon Yellow	2.65	9.20	8.70
SP-220 Medium Yellow	2.65	9.20	8.70
SP-260 Orange	2.65	9.20	8.70
SP-306 Briltone Green	3.10	10.95	10.45
SP-308 Chrome Green	2.60	8.95	8.45
SP-310 Deep Green	2.60	8.95	8.45
SP-320 Forest Green	2.60	8.95	8.45
SP-352 Turquoise Blue	2.85	9.95	9.45
SP-400 Ultra Blue	2.60	8.95	8.45
SP-410 Royal Blue	2.60	8.95	8.45
SP-417 Galaxy Blue	2.65	9.20	8.70
SP-420 Prussian Blue	2.50	8.65	8.15
SP-471 Peacock Blue	2.85	9.95	9.45
SP-490 Purple	2.85	9.95	9.45
SP-500 Fire Orange	2.85	9.95	9.45
SP-502 Brite Red	2.85	9.95	9.45
SP-507 Indian Red	2.85	9.95	9.45
SP-510 Toluidine Red	2.85	9.95	9.45
SP-542 Deep Red	2.65	9.20	8.70
SP-560 Magenta	3.35	11.95	11.45
SP-570 Cerise	3.35	11.95	11.45
SP-590 Maroon	2.70	9.35	8.85
SP-600 Brown	2.45	8.50	8.00
SP-700 Black	2.05	6.75	6.25
SP-800 Transparent Base	1.20	3.85	3.60
SP-880 Binding Varnish	1.50	4.65	4.15
T-125 Mild Spirit Thinner	.60	1.25	1.10
T-948 Retarder	.95	2.45	2.30
T-900 Fast Active Thinner	.65	1.40	1.25

Price Per  
Gallon

**ADVANCE PROCESS SUPPLY CO., INC.**

CHICAGO 12, ILLINOIS U.S.A.



# *Jet* poster

JRP SERIES  
\*JET READY PRINT

## EVERY STROKE A PERFECT PRINT

### SUGGESTED USE

PAPER AND CARDBOARD POSTERS AND DISPLAYS  
GREETING CARDS  
GIFT WRAPPING PAPER - 24 SHEET POSTERS -  
WALL PAPER

### TYPE PRODUCT

Jet Poster (JRP SERIES) is produced from a blend of flexible, non-oxidizing resins. It is a mild solvent type product with very rapid drying qualities.

### GENERAL DESCRIPTION

Jet Poster is manufactured in a "Ready-to-Print" consistency. This product dries to a thin flexible film, thus providing greatest mileage and extremely fast air and jet drying characteristics. The brilliance of this color line is outstanding and over prints well leaving no mesh marks. A wide range of durable colors are milled and blended on most modern high production equipment offering the processor the ultimate in finished product and low price. Jet Poster is of prime importance in today's screen printing mechanization. Mild solvents in the mineral spirits range act as a good washup and reducer for this product.

### COLOR SPECIFICATIONS

- COLORS - Large range - very brilliant - can be intermixed.
- OPACITY - Very good.
- COVERAGE - Greater than conventional colors - approximately 1500 or more square feet per gallon.
- AIR DRY TIME - 12 minutes, depending on humidity, temperature and circulation.
- JET HEAT DRY - Approximately 9 seconds on single colors, slightly higher on overlaps.
- FINISH - Slight sheen - very good - scuff-resistant.
- ADHESION - Excellent for paper and cardboard.
- ODOR - Mild.

### PROCESS PRINTING INSTRUCTIONS

Print straight from can or reduce for further economy with base JRP-800. Use mesh numbers 12xx or 14xx silk or equivalent. For halftones reduce with large amount of JRP-850 or in hot dry climates T-460 slow wetting thinner. JRP-880 base may be added for increased flexibility for die cutting. For clay coated and enameled finishes add 10-15% flexible binding base JRP-880. Thin and washup with mineral spirits. For special drying and other applications consult the manufacturer. Use Zylol or T-900 for fast efficient washup.

Color Series and Number	Single Gallon	5-gallon Cans	30-gallon Drums	55-gallon Drums
JRP-100 White	\$7.30	\$5.84	\$5.48	\$5.11
JRP-204 Hi-cover Yellow	7.60	6.08	5.70	5.32
JRP-210 Lemon Yellow	7.60	6.08	5.70	5.32
JRP-220 Medium Yellow	7.60	6.08	5.70	5.32
JRP-260 Orange	7.90	6.32	5.93	5.53
JRP-306 Britone Green	8.50	6.80	6.38	5.95
JRP-308 Chrome Green	7.60	6.08	5.70	5.32
JRP-310 Deep Green	7.60	6.08	5.70	5.32
JRP-320 Forrest Green	7.60	6.08	5.70	5.32
JRP-352 Turquoise Blue	8.50	6.80	6.38	5.95
JRP-400 Ultra Blue	7.60	6.08	5.70	5.32
JRP-410 Royal Blue	7.60	6.08	5.70	5.32
JRP-417 Galaxy Blue	7.90	6.32	5.93	5.53
JRP-420 Prussian Blue	7.70	6.16	5.78	5.39
JRP-471 Peacock Blue	8.50	6.80	6.38	5.95
JRP-490 Purple	8.50	6.80	6.38	5.95
JRP-500 Fire Orange	7.90	6.32	5.93	5.53
JRP-502 Brite Red	7.90	6.32	5.93	5.53
JRP-507 Indian Red	7.90	6.32	5.93	5.53
JRP-510 Toluidine Red	7.90	6.32	5.93	5.53
JRP-542 Deep Red	7.90	6.32	5.93	5.53
JRP-560 Magenta	8.50	6.80	6.38	5.95
JRP-570 Cerise	8.50	6.80	6.38	5.95
JRP-590 Maroon	8.20	6.56	6.15	5.74
JRP-600 Brown	6.60	5.28	4.95	4.62
JRP-700 Black	6.40	5.12	4.80	4.48
JRP-800 Transparent Base	3.70	2.96	2.78	2.59
T-125 Mild Spirit Thinner	1.25	1.10		
T-948 Retarder	2.45	2.30		
T-900 Fast Active Thinner	1.40	1.25		

\*JET READY PRINT

Prices Per Gallon

WRITE FOR COLOR CARDS

**ADVANCE** PROCESS SUPPLY CO., INC.

CHICAGO 12, ILLINOIS U.S.A.





**NOW** Print FLUORESCENT COLORS  
on ANY MATERIAL

# LUMI-glo

**NO. 1. LUMI-GLO INDOOR POSTER  
OPAQUE FLUORESCENT —  
(LUMI-Type 1 OPAQUE)**

Mild Solvent Type

An excellent, jet dry indoor opaque fluorescent for all paper and cardboard. Screens through fine meshes without clogging. Low build-up... tremendous mileage. Produces a smooth, brilliant flat finish of highest opacity. Long life fluorescence and brightness. Superb opacity on darkest stocks.

**NO. 2. LUMI-GLO OUTDOOR-INDOOR  
REGULAR FLUORESCENT —  
(LUMI-Type 2 REGULAR)**

Mild Solvent Type

Produces a smooth, beautiful matte finish through finer meshes for indoor and outdoor use on all paper and cardboard. Good outdoor qualities. Fast drying. No clogging in screens. Extreme high brilliance and long life fluorescent brightness. Excellent mileage and screening qualities.

**NO. 3. LUMI-GLO PREMIUM OUTDOOR  
FLUORESCENT —  
(LUMI-Type 3 OUTDOOR)**

Mild Solvent Type

A super weatherproof fluorescent especially recommended for outdoor use on all paper and cardboard. Prints sharp and clean on any stock... superior screening qualities through finer screens. Produces beautiful matte finish that retains its fluorescence longer. Excellent mileage. Quick drying. Weathers longer and retains fluorescent brilliance even when exposed to summer sun.

**LUMI-TYPE 1**

CATALOG NUMBER	COLOR NAME	QTS.	1-3 GALS.	4-23 GALS.	24-UP GALS.
LUMI - 222 - 1	Chartreuse	\$ 3.90	\$10.20	\$ 9.70	\$ 9.45
LUMI - 255 - 1	Golden Yellow	3.85	10.00	9.50	9.25
LUMI - 288 - 1	Orange	3.85	10.00	9.50	9.25
LUMI - 333 - 1	Mint Green	3.90	10.20	9.70	9.45
LUMI - 444 - 1	Brilliant Blue	3.65	9.20	8.70	8.45
LUMI - 555 - 1	Tangerine	3.85	10.00	9.50	9.25
LUMI - 566 - 1	Flame Red	3.65	9.20	8.70	8.45
LUMI - 577 - 1	Shocking Pink	3.65	9.20	8.70	8.45
LUMI - 588 - 1	Cerise	3.65	9.20	8.70	8.45
		QTS.	GALS.	5-GALS.	
LUMI - 800	Extender	\$1.20	\$3.85	\$3.60	
LUMI - 8000	Overprint Seal-Coat	2.50	7.50	7.25	
T-910	Slow Thinner	.65	1.40	1.25	
T-948	Retarder	.95	2.45	2.30	

**LUMI-TYPE 2**

CATALOG NUMBER	COLOR NAME	QTS.	1-3 GALS.	4-23 GALS.	24-UP GALS.
LUMI - 222 - 2	Chartreuse	\$ 4.00	\$11.70	\$11.20	\$10.95
LUMI - 255 - 2	Golden Yellow	3.95	11.35	10.85	10.60
LUMI - 288 - 2	Orange	3.95	11.35	10.85	10.60
LUMI - 333 - 2	Mint Green	4.00	11.70	11.20	10.95
LUMI - 444 - 2	Brilliant Blue	3.75	10.25	9.75	9.50
LUMI - 555 - 2	Tangerine	3.95	11.35	10.85	10.60
LUMI - 566 - 2	Flame Red	3.75	10.25	9.75	9.50
LUMI - 577 - 2	Shocking Pink	3.75	10.25	9.75	9.50
LUMI - 588 - 2	Cerise	3.75	10.25	9.75	9.50
		QTS.	GALS.	5-GALS.	
LUMI - 800	Extender	\$1.20	\$3.85	\$3.60	
LUMI - 8000	Overprint Seal-Coat	2.50	7.50	7.25	
T-910	Slow Thinner	.65	1.40	1.25	
T-948	Retarder	.95	2.45	2.30	

**LUMI-TYPE 3**

CATALOG NUMBER	COLOR NAME	QTS.	1-3 GALS.	4-23 GALS.	24-UP GALS.
LUMI - 222 - 3	Chartreuse	\$ 4.25	\$12.95	\$12.55	\$12.30
LUMI - 255 - 3	Golden Yellow	4.20	12.25	11.75	11.50
LUMI - 288 - 3	Orange	4.20	12.25	11.75	11.50
LUMI - 333 - 3	Mint Green	4.25	13.05	12.55	12.30
LUMI - 555 - 3	Tangerine	4.00	11.25	10.75	10.50
LUMI - 566 - 3	Flame Red	4.00	11.25	10.75	10.50
LUMI - 577 - 3	Shocking Pink	4.00	11.25	10.75	10.50
LUMI - 588 - 3	Cerise	4.00	11.25	10.75	10.50
		QTS.	GALS.	5-GALS.	
LUMI - 800	Extender	\$1.20	\$3.85	\$3.60	
LUMI - 8000	Overprint Seal-Coat	2.50	7.50	7.25	
T-910	Slow Thinner	.65	1.40	1.25	
T-948	Retarder	.95	2.45	2.30	

## NO. 4. LUMI-GLO WEATHERPROOF GLOSS ENAMEL FLUORESCENT—(LUMI-Type DE ENAMEL)

### Mild Solvent Type

A superbly flexible, scuff-resistant, brilliant high gloss fluorescent color with excellent screenability on wood, glass, metal and some plastics. Excellent for decal processing. Screens through fine meshes—no clogging. Overnight drying. Holds its brilliance and fluorescence. Low odor. Superior high gloss and excellent flow.

### LUMI-TYPE DE

CATALOG NUMBER	COLOR NAME	QTS.	1-3 GALS.	4-23 GALS.	24-UP GALS.
LUMI - 222 - DE	Chartreuse	\$ 4.95	\$16.15	\$15.65	\$15.40
LUMI - 255 - DE	Golden Yellow	4.85	15.80	15.30	15.05
LUMI - 288 - DE	Orange	4.85	15.80	15.30	15.05
LUMI - 333 - DE	Mint Green	4.95	16.15	15.65	15.40
LUMI - 555 - DE	Tangerine	4.85	15.80	15.30	15.05
LUMI - 566 - DE	Flame Red	4.75	14.70	14.20	13.95
LUMI - 577 - DE	Shocking Pink	4.75	14.70	14.20	13.95
LUMI - 588 - DE	Cerise	4.75	14.70	14.20	13.95
		QTS.	GALS.	5-GALS.	
T-460	Thinner and Washer	\$ .65	\$1.35	\$1.20	

## NO. 5. LUMI-GLO VINYL WEATHER-PROOF FLUORESCENT — (LUMI-Type PVW VINYL)

### Vinyl Thinner—Requires Water Soluble Screens

A very flexible fluorescent color that welds firmly into soft and rigid vinyls. Fast drying. Prints details through fine meshes without clogging. Good adhesion and mileage. Retains its fluorescence brightness even in summer sun.

### LUMI-TYPE PVW

CATALOG NUMBER	COLOR NAME	QTS.	1-3 GALS.	4-23 GALS.	24-UP GALS.
LUMI - 222 - PVW	Chartreuse	\$ 4.95	\$16.15	\$15.65	\$15.40
LUMI - 255 - PVW	Golden Yellow	4.85	15.80	15.30	15.05
LUMI - 288 - PVW	Orange	4.85	15.80	15.30	15.05
LUMI - 333 - PVW	Mint Green	4.95	16.15	15.65	15.40
LUMI - 555 - PVW	Tangerine	4.85	15.80	15.30	15.05
LUMI - 566 - PVW	Flame Red	4.75	14.70	14.20	13.95
LUMI - 577 - PVW	Shocking Pink	4.75	14.70	14.20	13.95
LUMI - 588 - PVW	Cerise	4.75	14.70	14.20	13.95
		QTS.	GALS.	5-GALS.	
T-960	Regular Retarder	\$1.30	\$3.95	\$3.70	
T-980	Super Retarder	1.50	4.95	4.80	
T-926	Thinner	1.35	4.50	4.35	
T-903	Washup	.90	2.45	2.30	

## NO. 6. LUMI-GLO MULTI-PLASTIC FLUORESCENT — (LUMI-Type PAB MULTI-PLASTIC)

### Special Thinner—Requires Water Soluble Screens

This unusual color formulation produces a clear, brilliant finish especially recommended for use on plastics as follows: Polystyrene, rigid vinyl, and acrylics. Especially good adhesion. Dries rapidly. Vacuum forms very well. Screens through fine meshes. Offers good mileage. Long life fluorescent brightness.

### LUMI-TYPE PAB

CATALOG NUMBER	COLOR NAME	QTS.	1-3 GALS.	4-23 GALS.	24-UP GALS.
LUMI - 222 - PAB	Chartreuse	\$ 4.95	\$16.15	\$15.65	\$15.40
LUMI - 255 - PAB	Golden Yellow	4.85	15.80	15.30	15.05
LUMI - 288 - PAB	Orange	4.85	15.80	15.30	15.05
LUMI - 333 - PAB	Mint Green	4.95	16.15	15.65	15.40
LUMI - 555 - PAB	Tangerine	4.85	15.80	15.30	15.05
LUMI - 566 - PAB	Flame Red	4.75	14.70	14.20	13.95
LUMI - 577 - PAB	Shocking Pink	4.75	14.70	14.20	13.95
LUMI - 588 - PAB	Cerise	4.75	14.70	14.20	13.95
		QTS.	GALS.	5-GALS.	
T-670	Retarder	\$1.35	\$4.50	\$4.35	
T-625	Fast Wiping Solvent	1.35	4.50	4.35	
T-669	Thinner	1.35	4.50	4.35	
T-902	Washup	.80	1.95	1.80	

## NO. 7. STRIKE-TEXTILE FLUORESCENT (STR-Type T)

### Special Water-proof Screens Necessary.

A superb opaque fluorescent color for textiles. Exceptional flexibility. Good washability and "hand". Prints sharp and clean on desized cotton, silk, wool, linens and felt. Excellent for use on non-treated synthetics--rayon, dacron, vinyls and fiberglass. Ideal for Tee-Shirts, costumes, Cloth Signs, Novelties, Cardboard, Banners.

### STRIKE — TEXTILE TYPE

CATALOG NUMBER	COLOR NAME	QTS.	1-3 GALS.	4-23 GALS.	24-UP GALS.
STR - 222	Chartreuse	\$ 4.75	\$11.70	\$11.20	\$10.95
STR - 255	Golden Yellow	4.70	11.35	10.85	10.60
STR - 288	Orange	4.70	11.35	10.85	10.60
STR - 333	Mint Green	4.75	11.70	11.20	10.95
STR - 555	Tangerine	4.70	11.35	10.85	10.60
STR - 566	Flame Red	4.50	10.25	9.75	9.50
STR - 577	Shocking Pink	4.50	10.25	9.75	9.50
STR - 588	Cerise	4.50	10.25	9.75	9.50
		QTS.	GALS.	5-GALS.	
STR - 800	Light Base	\$1.25	\$3.70	\$3.45	
STR - 820	Heavy Base	1.30	3.95	3.70	
DET - 34	Washup Detergent (concentrate)	1.50	4.50	4.25	

**THE FOLLOWING FEATURES MAKE THESE COLORS  
SUPERIOR FOR PRACTICALLY ANY MATERIAL:**

- Brilliant colors milled to a new ink fineness.
- Air dries hard and flexible after 6-10 hours.
- Perfect adhesion to large variety of materials.
- Non-clogging in finest meshes.
- Soft heavy body ideal for sharp printing.
- Flows to a smooth gloss finish.
- High coverage.
- High buildup.

**SUGGESTED USE**

PE-Series are a very versatile color line wherever a very high gloss print is desired with good durability and adhesion. Gloss Enamel Colors will do a fine job: This line is excellent for treated metal signs, displays, wood products, glass, dials, flock adhesives, certain plastics, paper and cardboard and polyethylene bottles.

**TYPE PRODUCT**

This Screen Process Enamel has been a standard of high quality. This product dries by Drier Catalysts blended into oxidation type resins. Solvent system is aliphatic of the Mineral Spirit class.

**GENERAL DESCRIPTION**

A very important line for the Screen Processor is the oxidation type overnight enamel. This line should be printed off-contact for the very finest high gloss prints. The high raised effect produced with PE-series Gloss Enamels is very desirable for signs and displays of distinction. These enamels dry with a fair degree of flexibility and a very opaque tough coating. PE enamels have been used successfully in roller coating and flocking applications.

**COLOR SPECIFICATIONS**

PE-Series Enamels possess excellent general color durability characteristics. Opacity is very good. It is recommended that for ultimate in outdoor exposures and in tints permanent blues, Reds and Maroons be selected.

**COLOR MIXING AND MODIFICATION**

Advance Weatherproof Gloss Enamels PE-Series can usually be used directly from container. The addition of 10 - 15 per cent Reducers is advisable for extension of color. To effect economy, Transparent Base #823 may be used. Thin consistency with T-460 Flow Thinner. In hot dry conditions use T-948 for super wetting. This thinner should also be used with #823 Base for color printing halftones. Washup with Mineral Spirits or equal.

**PROCESS PRINTING INSTRUCTIONS**

Any type and mesh screen may be used with PE-series enamels. 12XX and 14XX meshes are used for most general applications.

# GLOSS ENAMELS (PE-Series)



Color Series and Number	Quart	Gallon	5 Gallon
PE-100 White	\$2.85	\$ 9.90	\$ 9.65
PE-120 Super White	3.10	10.90	10.65
PE-210 Light Yellow	2.85	9.95	9.70
PE-220 Medium Yellow	2.85	9.95	9.70
PE-260 Orange	2.85	9.95	9.70
PE-300 Emerald Green	3.30	11.85	11.60
PE-310 Dark Green	2.85	9.95	9.70
PE-350 Turquoise	3.20	11.45	11.20
PE-430 Light Blue	2.95	10.25	10.00
PE-435 Regal Blue	3.50	11.95	11.70
PE-440 Dark Blue	3.10	11.55	11.30
PE-492 Violet	3.50	11.95	11.70
PE-500 Bright Red	3.10	11.55	11.30
PE-510 Toluidine Red	3.10	11.55	11.30
PE-540 Deep Red	3.10	11.50	11.25
PE-550 Magenta	3.85	12.95	12.70
PE-580 Maroon	3.30	12.10	11.85
PE-600 Brown	2.85	9.95	9.70
PE-700 Black	2.50	8.25	8.00
800 Flexible Gloss Base	1.55	5.30	5.05
823 Transparent Base	2.00	6.50	6.25
Synthetic Overprint Clearflex 8000	1.95	6.20	5.95
T-460 Thinner & Washup	.65	1.35	1.20
T-948 Wetting Thinner	.95	2.45	2.30

## TONER COLORS

**TONER COLORS**

For the convenience of the color matcher and formulator ADVANCE has finely milled into a new universal type vehicle the following standard color pigments.

These colors are extremely strong and pure. They represent true color perfection. They mix with lacquers, synthetics, oils, ethocels, poster colors, etc. (Do not use with vinyl or acetate colors.) Color ground as special in single gallon quantity. These colors are extremely well pigmented and are to be used for mixing only.

WRITE FOR COLOR CHART

Cat. No.	Color	Quart	Gallon
Tone-208	Perm. Green Gold Lake	\$5.75	\$16.75
Tone-255	Neutral Yellow Lake	5.00	14.25
Tone-355	Pthalo Perm. Green	5.50	16.00
Tone-455	Pthalo Perm. Blue (RS)	5.50	16.00
Tone-456	Pthalo Perm. Blue (GS)	5.50	16.00
Tone-507	Red Lake Transparent	5.00	14.25
Tone-519	Red Lithol Barium	4.50	13.00
Tone-546	Deep Red Lithol Rubine	4.50	13.00
Tone-590	Shocking Pink (Perm.)	5.75	16.75



**ADVANCE PROCESS SUPPLY CO., INC.**

CHICAGO 12, ILLINOIS U.S.A.



# WEATHERPROOF FLEXIBLE GLOSS SYNTHETIC ENAMELS

(DE-Series)

## SUGGESTED USE

High gloss finish on bookcovers, decals, outdoor metal signs and displays, glass, foil printing, lightweight acetate sheeting.

## TYPE PRODUCT

DE-Series Synthetic Enamel is an alkyd type synthetic. This Product Produces a High Gloss and Drys by Oxidation.

## GENERAL DESCRIPTION

Weatherproof flexible gloss SYNTHETIC ENAMELS produce a tough durable coating after drying. This product prints through any mesh and flows evenly. These Enamels are recommended for use on products where durability and flexibility are of prime importance. The print buildup is extremely high with excellent gloss and opacity.

## COLOR SPECIFICATIONS

Both Opaque and Transparent Synthetic Enamels are deep in color strength and are rated high for color permanency and gloss. For extreme color resistance to the sun permanent type colors are suggested. Transparent Colors may be overprinted to produce Multicolor effects.

## PROCESS PRINTING INSTRUCTIONS

Weatherproof flexible gloss synthetic enamels are simple to screen process through any coarse or fine mesh silk. Normally 10XX - 12XX or 14XX meshes are most appropriate. Normal dry time is overnight (10-12 hours).

Reduce this Enamel with DE-800 Reducing Clear-Thin with T-460 flow thinner and washup with Washup T-125 or mineral spirits. After dry, this ENAMEL CANNOT BE REMOVED WITH NORMAL SOLVENTS.

## TRANSPARENT ENAMEL COLORS

Very clean transparent colors of good durability and excellent screening quality.

Cat. No.	Color	Quart	Gallon
DE-208	Green Yellow Gold	\$4.50	\$16.25
DE-255	Neutral Yellow Gold	4.00	14.25
DE-355	Brilliant Green	4.50	16.25
DE-456	Brilliant Blue	4.50	16.25
DE-530	Shocking Pink	4.75	17.25
DE-542	Tropic Red	4.75	17.25
DE-590	Violet	4.75	17.25
DE-709	Black	2.60	9.25

Same Thinners & Washups

- DURABLE
- FULL COLOR RANGE
- FLOWS EVENLY
- NON BLEEDING
- HIGH GLOSS
- FLEXIBLE
- NON CLOGGING
- EXCELLENT ADHESION
- SHARP PRINTING

Color Series and Number	Quart	Gallon	5-Gallon
DE-100 White	\$2.70	\$ 9.90	\$ 9.65
DE-120 Super White	3.05	10.90	10.65
DE-200 Primrose Yellow	3.15	11.50	11.25
DE-210 Light Yellow	2.60	9.55	9.30
DE-220 Medium Yellow	2.60	9.55	9.30
DE-260 Orange	2.60	9.55	9.30
DE-300 Emerald Green	3.25	12.00	11.75
DE-310 Dark Green	2.70	9.90	9.65
DE-320 Forest Green	2.70	9.90	9.65
DE-350 Turquoise	3.20	11.45	11.20
DE-430 Light Blue	2.95	10.25	10.05
DE-435 Regal Blue	2.75	9.95	9.70
DE-440 Dark Blue	2.75	9.95	9.70
DE-450 Prussian Blue	2.75	9.95	9.70
DE-500 Bright Red	3.10	11.55	11.30
DE-507 Cadmium Red	4.25	16.50	16.25
DE-510 Toluidine Red	3.10	11.55	11.30
DE-540 Deep Red	3.10	11.50	11.25
DE-580 Maroon	3.10	11.50	11.25
DE-600 Brown	2.60	9.55	9.30
DE-700 Black	2.40	8.50	8.25
800 Flexible Gloss Base	1.55	5.30	5.05
823 Transparent Base	2.00	6.50	6.25
Synthetic Overprint Clearflex 8000	1.95	6.20	5.95
T-460 Thinner & Washup	.65	1.35	1.20
T-948 Wetting & Thinner	.95	2.45	2.30

Prices Per Gallon

WRITE FOR COLOR CHART

**ADVANCE** PROCESS SUPPLY CO., INC.

CHICAGO 12, ILLINOIS U.S.A.



**Fast Dry - Low Bake**

# GLOSS ENAMELS

**5 Minute Dry at 300°F**

**(BET-Series)**

## SUGGESTED USES

Metal signs, Masonite Displays  
Roller Coating on Metals  
Marking on Metal and Phenolic Parts

## TYPE PRODUCT

BET-ENAMELS are made from a special combination of Acrylic, Melamine and alkyd resins. All materials are excellent for outdoor use and flexibility. This is a mild solvent system with rapid drying qualities. Final curing of resins requires heat and time.

## GENERAL DESCRIPTION

This Fast Dry-Low Bake Enamel is available from stock in a limited number of Durable colors. Special colors are made to order. A fine grind and fairly good gloss characterize this line. As this product is heat reactive screening must be accomplished in a cool place with little or no moving air near the screen. Thinners are in the slow aromatic range and Zylol or T-900 acts well as a washup.

## COLOR SPECIFICATION

- **COLORS** - Limited range of heat-resistant permanent colors. Mix only with recommended products in this line.
- **OPACITY** - Very good.
- **COVERAGE** - Approximately 900-1000 square feet per gallon.
- **AIR DRY TIME** - This product dries by air alone but will not completely harden and cure until it has been set.
- **BAKING SCHEDULE** - After flowout time heat-cure this color as follows:  
250° - 10 minutes  
275° - 7½ minutes  
300° - 5 minutes  
325° - 3 minutes

## PROCESS PRINTING INSTRUCTIONS

Thin sparingly (not more than 5%) with Thinner T-950. Use photographic type screens for fine details Hand Cut for large areas. While any mesh may be used 12xx 14xx is best for general work. Any Overprint Clear BET-8000 may be advisable for extreme outdoor durability. Clean screens well when printing is complete as BET-Enamels are difficult to remove after drying.

Color Series and Number	Quart	Gallon	5-Gallons
BET-100 White	\$3.25	\$11.90	\$11.60
BET-200 Cadmium Yellow	3.90	13.80	13.50
BET-210 Light Yellow	3.15	11.45	11.15
BET-220 Medium Yellow	3.15	11.45	11.15
BET-260 Orange	3.15	11.45	11.15
BET-300 Emerald Green	3.90	14.40	14.10
BET-310 Dark Green	3.25	11.90	11.60
BET-320 Forest Green	3.25	11.90	11.60
BET-435 Regal Blue	3.30	11.95	11.65
BET-450 Prussian Blue	3.30	11.95	11.65
BET-470 Peacock Blue	3.90	13.80	13.50
BET-455 Permanent Blue	5.10	19.80	19.50
BET-500 Bright Red	3.75	13.85	13.55
BET-510 Toluidine Red	3.75	13.85	13.55
BET-507 Cadmium Red	5.10	19.80	19.50
BET-540 Deep Red	3.75	13.85	13.55
BET-600 Brown	3.15	11.45	11.15
BET-700 Black	2.90	10.20	9.90
T-910 Washup	.65	1.40	1.25
T-900 Thinner	.65	1.40	1.25
T-948 Retarder	.95	2.45	2.30
Overprint Clear Coating Bet. 8000	2.00	6.50	6.20

Prices Per Gallon

# FIBER-DRUM GLOSS FAST DRY ENAMELS

(FEG-series)



A SHARP PRINTING LINE FORMULATED FOR FAST DRY GLOSS AND BUILD UP

ALSO EXCELLENT FOR GREETING CARDS

This specialized line of color was specially formulated for the fiber drum printer. The color anchors itself very well to the porous kraft stock yet retains high gloss and high buildup characteristics.

In spite of the high buildup and gloss the FEG line dries within 1/2-1 hours depending on conditions. Thin and washup with any mild petroleum solvent or recommended T-460 for fine details and T-125 for solid areas.

Not recommended for extreme outdoor durability.

#### Price List - Fiber Drum Gloss Fast Dry Enamel FEG Series.

CAT. NO.	COLOR	QUART	GALLON	5 GALLON
FEG-10	White	\$2.70	\$ 9.90	\$ 9.65
FEG-21	Lemon Yellow	2.60	9.55	9.30
FEG-22	Medium Yellow	2.60	9.55	9.30
FEG-30	Emerald Green	2.90	10.90	10.65
FEG-31	Deep Green	2.70	9.90	9.65
FEG-41	Royal Blue	2.70	9.90	9.65
FEG-50	Fire Red	3.10	11.55	11.30
FEG-52	Bright Red	3.10	11.55	11.30
FEG-54	Deep Red	3.10	11.50	11.25
FEG-70	Black	2.10	7.60	7.35
T-460	Thinner	.65	1.35	1.20
T-125	Washup & Thinner	.60	1.25	1.10

#### ADVANCE Handy Containers

WATERPROOF LINED MIXING CANS  
5 Gal. Pail \$2.00 10 Gal. Pail \$4.25



#### MIXING CANS

Plated sturdy cans with triple friction covers.  
Quart .15 Ea.  
Carton of 140 .12 Ea.  
Gal. Size .30 Ea.  
Carton of 36 .25 Ea.



#### MIXING PAILS

Black baked finish with handles and covers.  
5 Gal. Pail \$1.60 Ea.  
10 Gal. Pail 3.85 Ea.



#### SOLVENT CANS

Plated flat type solvent cans with screw covers.  
Quart size .18 Ea.  
Carton of 140 .15 Ea.  
Gal. Size .35 Ea.  
Carton of 36 .30 Ea.



OPEN HEAD  
RECONDITIONED  
MIXING DRUMS  
(with cover)

30 gal. Drum... \$5.00  
55 gal. Drum... \$6.00

**ADVANCE PROCESS SUPPLY CO., INC.**  
CHICAGO 12, ILLINOIS U.S.A.

# OVERPRINT CLEAR BASES

## Fast Dry Evaporative OVERPRINT GLOSS

No. 9000

A fast air dry gloss clear overprint for Screen printing, and roller coating. To be used with excellent results on all types paper and cardboard stock. No pickup or bleeding of colors. Use any hand cut or photo screen (10XX-12XX) with this evaporative type scuff resistant finish. Deposits a thin uniform flexible film over all inks.

Quart....\$2.15 Gallon....\$7.45 5 Gallon....\$7.20

## OVERPRINT CLEAR GLOSS LACQUER

(TWO BASIC TYPES)

To fill the large demand for a good tough clear lacquer for overprinting on a wide variety of cover stocks, books, metal parts, etc., HL-838 was developed. This overprint clear, posses a very high scuff resistant gloss finish and recently one of its outstanding uses has been overprinting paper and cardboard. This product has been formulated to remain on the surface--produce a good gloss and even stand outdoor, exposure for as long as a full year without discoloration.

Gloss lacquer has been used extensively where quick drying is of necessity. This product will dry very well on a wickett. A faster Jet Dry type is also available. May be used over most poster, enamel and lacquer type colors and on a large variety of materials.

OVERPRINT CLEAR GLOSS LACQUER Now available in 2 basic drying types.

Type Clear	Quart	Gallon
Air-Dry Type HL-838	\$1.95	\$6.70
Jet Dry Type HL-838B	\$2.10	\$7.45

## FAST DRY SYNTHETIC

## OVERPRINT GLOSS CLEARFLEX

This product has become a classic.

A super high gloss clear coating which is indispensable for protecting all types of colors. This clear enhances the display by weatherproofing and increasing brilliance.

Clearflex #8888 screens easily straight from the can. It can be further reduced also up to 10 percent with T-460 Flow Thinner. This is an oxidation type very flexible synthetic which sets in one hour and is dry in 3-4 hours.

## VINYL OVERPRINT GLOSS CLEAR

PVW-898

Vinyl Overprint Gloss Clear # 898 is recommended for a smooth protective gloss finish over Vinyl and Acrylic Coatings and stocks. This product screen prints easily, flows very smoothly and air and jet dries very rapidly.

This coating is a high gloss vinyl type water-white clear with superior flexibility and abrasion resistance. It has been developed for overprinting on pressure sensitive Vinyl and Vinyl coated stocks and also for imparting gloss to Vinyl printed plastics.

Clear # 898 is to be used straight from the container for best results. If further thinning becomes necessary due to evaporation of solvents use T-926 Vinyl Thinner only. Washup with T-903 Vinyl Washup.

Quart	Gallon	5 Gallon
\$2.60	\$8.35	\$8.10

## PLASTIC GLOSS OVERPRINT CLEAR

PAB-780

A very unusual new product specifically designed to enhance the appearance of printed plastic sheets and parts.

EXCELLENT ADHESION to STYRENE, ACRYLIC and BUTYRATE Plastics. PAB-780 Screening Clear will vacuum form and is extremely mar resistant and durable. Easy to use and possesses exceptional flow out.

Dry time is approximately 1/2 hour under normal air dry conditions.

PLASTIC GLOSS OVERPRINT CLEAR # PAB-780  
1 Quart - \$2.60 1 Gallon - \$8.35 5 Gallons - \$8.10  
Use T-669 Thinner for above.  
1 Quart - \$1.35 1 Gallon - \$4.50 5 Gallons - \$4.35

Adhesion to Paper, Cardboard, Wood and Metal is excellent. Will not lift yet will adhere to every type poster ink and enamel color.

Flexible Synthetic Weatherproof

CLEARFLEX #8888

Quart.. \$1.95	Gallon.. \$6.20	5 Gallon.. \$5.95
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**ADVANCE PROCESS SUPPLY CO., INC.**

CHICAGO 12, ILLINOIS U.S.A.

# SPECIAL PROCESS MATERIAL

## PHOSPHORESCENT PIGMENTS

Most unusual effects can be obtained with "ADVANCE" Phosphorescent Pigment. This "Glow-in-the-Dark" pigment should be mixed prior to use with our Phosphorescent Base, # PB-412. Keep in a glass container and use glass or wood for stirring as metal affects the glow of all phosphorescent pigments. Use 6XX silk or coarser for heavy deposit and a longer glow. Most brilliantly colored pigments with longest period of after-glow.

Cat. No.	Color of Glow	1 lb.	5 lb.
PP-70	Blue	\$7.50	\$7.05
PP-30	Bright Green	7.95	7.50

Special prices quoted in Larger Quantities

## PHOSPHORESCENT BASE

No. PB-412

The ideal Liquid Plastic Base for mixing with phosphorescent pigment. Excellent adhesion to most surfaces assures you of a more permanent coating. Crystal clear, this base will seal the phosphorescent powder with a protective film without impairing the glow. Use any type silk screen for printing with this product.

Quart.....\$2.85  
Gallon.....9.65

Thin and washup with M.S.

Thinner for Phosphorescent Base # PB-412

No. T-455.....\$1.50 Gallon - Qt. 70

## Pressure Sensitive Screening Adhesive

No. A-561

A new item which fills a dire need in the Screen Process industry. Just screen process a heavy coating of A-561 on any paper or cardboard surface and allow to dry for approximately four hours. This is a very tacky surface adhesive which will stick to any smooth dry surface. A stripable protective glassine paper or equal is necessary to prevent blocking in the packing.

Quart. . \$3.05 Gallon. . \$10.25 5 Gal. . \$10.00

## BLACKBOARD BLACK P-770

A special Black made of abrasive materials.  
Dries hard and smooth.  
Quart.. \$2.15      Gallon.. \$7.10

## BLACKBOARD GREEN P-330

A green screening slate material. Dries hard, erases easily. Thin and washup with mineral spirits.

Quart.. \$2.30      Gallon.. \$7.80



## GLASS ETCH

No. GE-76

This ready to use product should be screened thru 10XX or 12XX mesh silk. Use only an ADVANCE PERMACIZED PHOTO-SCREEN or a lacquer type hand cut screen with this material. Screen on clean glass in usual manner and let stand for a few minutes. Permanent frosted or etched effects are easily obtained after rinsing with cold water.

Per Pound.....\$2.75  
Pint of Thinner.... 1.95

## FLUORESCENT PIGMENTS

Very finely ground powdered fluorescent pigments for dusting, plastic impregnating and for mixing into bronze and phosphorescent vehicles. A complete range of 8 radiant daylight colors.

Four times brighter than ordinary colors.

Cerise	Orange	Green
Red	Orange Yellow	Pink
Orange Red	Chartreuse	

Above colors will also glow under ultra violet black light.

1 Pound	\$3.95	10 Pounds	\$3.65
5 Pounds	3.80	25 Pounds	3.50

## MIRROR BACKING

No. PE-116

A heavy bodied special gray coating for protecting the backs of mirrors. Silk screen a deposit of PE-116 thru 6XX coarse mesh silk. Thin with # T-460 Thinner. This coating will resist sulphur gases in air thus preventing any mirror discoloration and oxidation.

Cat. No.	Quart	Gallon	5 Gallon
PE-116	\$1.45	\$4.95	\$4.70



# GENERAL DECAL INFORMATION

## GENERAL

The manufacturing of Decalcomanias is a most specialized phase of Screen Processing. Technical knowledge and the proper use of materials and equipment is a very important necessity for success.

The adhesion of a decal depends on its ability to conform to the surface on which it is applied. Apparently smooth surfaces are not actually so and the transfer must be sufficiently flexible to mold to them. On comparatively rough surfaces a mounting varnish or a softer coating is used to aid the standard decal in conforming to the surface.

It is important to have the base and top clear coating of the decal printed through a screen which is about 1/16" larger than the background screen to provide an edge of clear to seal the perimeter of the transfer and aid adhesion.

Opacity of colors is greatly affected by the thickness of the applied film. Coarse silk and rounded squeegees will assist in applying a heavier deposit of color or clear. Off-contact printing permits much finer detail.

A decal is a strong flexible transferable body of paint film (lacquer or enamel) built by successive layers processed one on top of the other.

The end product of the decalcomania manufacturer is the paint material he uses and quality of a transfer is directly dependent on it.

The paint is applied in successive layers on the coated side. Each layer of paint has to be allowed to thoroughly dry before the next layer is applied. After it has been completed, the decal is ready for transfer. It is soaked in water. The water is absorbed through the under side of the decal paper (non-paint side) until it reaches the water soluble coating. The coating then dissolves and releases the film of paint from the paper which enables it to be transferred to the surface to which it is to be applied.

**PRODUCTION OF A DECAL.** Decals are produced by all common methods of graphic reproduction; letterpress printing, offset lithography and screen process. In many cases a combination of process is used.

Screen process is best adapted to decals because it lays down a heavy body of clear and color which is so necessary in decal production. Decals differ from all other types of printing in that the ink is not applied "on the object to be printed" as contrasted with all other printing which is "on the finished object".

There are five main types of decals.

**SLIDE OFF TYPE.** The decals in this category slide off the backing sheet of paper onto the object to be decorated. Almost all small size decals are of this type. This decal is processed with the painted surface right side up.

**FACE-DOWN TYPE.** This decal is processed in reverse in that the painted surface cannot be seen as it is printed. In order to see the finished or unfinished decal, the sheet must be held up to the light and read through the backing sheet. Thus the decal, when fully completed, shows only the finishing coat and the backing paper. This decal is applied with the paint side down to the surface to which it is to be transferred. The paper backing of the sheet is then slid off leaving the decal adhered to the object.

**DUPLEX OR VARNISH TYPE.** This decal is run on a special paper. It is used for large decals and necessitates use of a mounting varnish for application. It is processed always face-down. Usage of this type of decal is decreasing as it is being replaced by the face-down type.

**FACE-UP TYPE.** This decal is similar to the slide-off type of decal and is generally used inside glass windows and although processed as a slide-off type decal, it is transferred as a face-down decal. In this case the decal is applied to the inside of a store window or automobile windshield and after application can be viewed properly only from in front of the glass.

## PRESSURE SENSITIVE DECALS

Today, because of the many plastics and synthetic coated surfaces, the ordinary lacquer and synthetic decal may not adhere. A preliminary coating of pressure sensitive adhesive under the clear base coat or the use of pressure sensitive coated stock will assure the processor maximum adhesion to practically all surfaces.

A decal is used to decorate or print on any surface which cannot conveniently be printed on itself, such as plate glass windows, truck bodies, unusual curved surfaces and hundreds of industrial products. Where large quantities are required, decals show a considerable saving over hand painting and in many cases the cost of hand painting is prohibitive where hundreds or thousands of the same design are required.

Advance Decal Colors, Clears, and Materials were formulated to work under all plant conditions. DLW-SERIES LACQUERS provide a perfect line of colors. DLW-985 CLEAR for base and final coatings are unequalled for base film quality and process printing performance. ADVANCE SYNTHETIC CLEAR # 8888 is used where a heavier decal is desired. DLW- SERIES COLORS and DLW-985 FINAL CLEAR COAT LACQUER can be printed over ADVANCE SYNTHETIC CLEAR # 8888. Lacquers dry faster and these are more popular than other synthetic decal colors.

Today Decalcomania manufacturing is an exact science. ADVANCE PROCESS SUPPLY CO. is proud to have played a part in this development. Your technical questions are most welcome.



- WEATHERPROOF
- DURABLE
- FLEXIBLE

# DECAL LACQUERS

(DLW-Series)

## SUGGESTED USE

**ADVANCE** Weatherproof Decal Lacquer, available in many standard colors and clears, was primarily formulated for the Decal Industry. Many outstanding properties make this line superior also for the following:

Embossed Fabrics and Leather  
Pyroxalin Coated Book Covers  
Sign Cloth Banners  
Die Cut Novelties and Displays

## TYPE PRODUCT

Decal Lacquers are a permanently flexible, yet tough Nitro-cellulose formulation. Solids content are exceedingly high. DLW-985-Clear for base and final coats produce unusually heavy coating. Clear coats are superior in clarity, strength and will not yellow.

## GENERAL DESCRIPTION

A new departure in DECAL LACQUERS, formulated and developed after many years of laboratory work and field testing. This line features properties never before offered to the process printer.

## COLOR SPECIFICATIONS

All pigments used in DLW-Series Super Decal Lacquers are selected for highest permanence and non-bleeding characteristics. Full test ratings and data on each color is available upon request. These finely ground colors will not clog any mesh screen.

Because of ultimate in color cleanliness all colors intermix easily to produce extra brilliant color matches. Reduction of all colors with clear base #DLW-985 will not sacrifice screening qualities and will enhance the gloss. For greater opacity it is sometimes desirable to add white #DLW-100.

Thin colors sparingly with **ADVANCE** Decal Lacquer Thinner #T-904. In extremely hot and dry conditions, the use of Retarder #T-999 may be necessary. Washup and clean with **ADVANCE** Lacquer Washup #T-902.

## PROCESS PRINTING INSTRUCTIONS

Use Clear DLW-985 from can. Do Not Reduce. Perfect flow without bubbles or mesh marks makes screening simple. Use 6xx or 8xx mesh for base and final coats. Colors may be screened straight from can or reduced with T-999 Retarder for fine detail printing. Fine screens as 14xx or 16xx is recommended for detail printing. Use lacquer-proof or water-soluble screens only and blockout with B-115 Advance Water-Soluble Blockout.

In spite of the high quality **ADVANCE** Weatherproof Decal Lacquers are priced low.

Color Series and Number	Quart	Gallon	5-Gallon
DLW-100 White	\$2.40	\$ 7.65	
DLW-200 Primrose Yellow	2.70	9.20	
DLW-210 Lemon Yellow	2.70	9.20	
DLW-220 Medium Yellow	2.70	9.20	
DLW-260 Orange	2.75	9.45	
DLW-300 Emerald Green	3.95	14.25	
DLW-310 Dark Green	2.70	9.20	
DLW-320 Forest Green	2.75	9.45	
DLW-350 Turquoise Blue	3.65	12.95	
DLW-400 Ultramarine Blue	2.70	9.20	
DLW-435 Regal Blue	2.90	9.95	
DLW-450 Prussian Blue	2.75	9.45	
DLW-475 Peacock Blue	3.65	12.95	
DLW-480 Violet	3.90	13.95	
DLW-500 Bright Red	3.15	10.45	
DLW-507 Cadmium Red	3.95	14.25	
DLW-510 American Red	3.40	11.75	
DLW-520 Satellite Red	3.25	10.95	
DLW-540 Deep Red	3.40	11.75	
DLW-593 Maroon	3.70	12.70	
DLW-600 Brown	2.40	7.65	
DLW-720 Black	2.40	7.65	
DLW-985 Universal Decal Clear	1.90	5.50	
DLW-987 Univ. Decal Heavy Clear	1.90	5.50	
DLW-988 Fast Dry Decal Clear	1.90	5.50	
DLW-990 Flat Write-On Clear	2.30	7.20	
T-904 Lacquer Thinner	1.20	3.35	\$ 3.20
T-905 Fast Lacquer Thinner	1.20	3.35	3.20
T-999 Retarder	1.50	4.95	4.80
T-902 Lacquer Washup	.85	1.95	1.80
			Price Per Gallon

Discounts Available in the Following Quantities 5 - 12 - 50 Gallons

ALL COLORS AND CLEARS CAN BE COMBINED FOR QUANTITY DISCOUNTS - WRITE FOR COLOR CHART.

**ADVANCE** PROCESS SUPPLY CO., INC.  
CHICAGO 12, ILLINOIS U.S.A.

# DECAL MATERIALS

## CLEARS — ADHESIVES — SPECIALTIES

### WATER SOLUBLE DECAL ADHESIVE PLASTIC TYPE No. 396

Decal Adhesive # 396 is a flexible resin adhesive. Flow is even on the face of the transfer leaving no mesh or ring marks. This decal adhesive should be used where adhesion is of prime importance. Once applied, the transfer is not easily affected by steamy interiors or other damp conditions.

The clear water white high gloss film and its clarity enhances the appearance of the decal. This non-yellowing adhesive may be roller-coated as well as silk screened. Use a lacquer screen for printing. Excellent for slip sheet coating.

Quart \$1.95 --- Gallon \$5.90 --- 5 Gallon \$5.65

### WATER SOLUBLE DECAL ADHESIVE GLUE TYPE No. 399

A very flexible clear water soluble readily remoistenable adhesive. Screens or roller coats evenly without mesh marks or blotches. Use lacquer film screens on silk, nylon, or metal mesh. Thin only with water. Will not block.

Quart \$1.75 --- Gallon \$5.50 --- 5 Gallon \$5.25

### DECAL PAPER

The highest quality decal papers. Uniformly gummed and lays flat. For Silk Screen and Letterpress printing. You can expect perfect results always with lacquers, synthetics and inks. Excellent release.

### STAY-FLAT SIMPLEX PAPER

A newly developed paper which requires no special humidifier equipment. Sheets lay perfectly flat eliminating curl and faulty register.

Number Sheets	Size 12-1/2x18" per sheet	Size 25x36" per sheet	Size 36x50" per sheet
1-24	\$ .09	\$ .23	\$ .48
25-49	.08	.21	.44
50-99	.07	.20	.42
100-249	.06	.18	.38
250-499	.05	.17	.36
1 Ream (500)	17.50	65.00	135.00

### DECAL MOUNTING VARNISH No. 876

This is a permanent type decal varnish for use with decals that are to be mounted on exterior surfaces. Excellent for mounting large transfers on trucks, etc. Mounting varnish should be reduced with spirit thinner and wiped on the backing coat of the face down transfer prior to application. When varnish has achieved a dry tack, the decalcomania should be applied as normal.

QUART ..... \$1.75  
GALLON ..... \$5.20

### SYNTHETIC COLOR DE-series

A full range of flexible synthetic colors which dry tough and durable overnight are listed on page 13.

### SYNTHETIC DECAL CLEAR COAT No. 8888

Synthetic Decal Clear Coat # 8888 is an extremely clear flexible coating formulated primarily for decalcomania manufacturing. Used as a base coat on slide-off decals, a more permanently flexible and durable decal is produced. This clear coat increases the adhesion to a large variety of surfaces and improves the appearance and life of the decal when used as a final coat.

Synthetic Decal Clear Coat # 8888 is the ideal material for outdoor type decals and is widely used for this purpose. Screen printing thru a # 8XX silk will result in a heavy deposit with perfect flow. Thin up to 10 percent with T-460 Thinner.

Cat. No. 8888	Quart \$1.95	Gallon \$6.20	5 Gallon \$5.95
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### DUPLEX DECAL PAPER

DISCOUNTS IN  
LARGER QUANTITIES.

Number Sheets	Size 25x36" per sheet
1-24	\$ .25
25-49	.23
50-99	.22
100-249	.20
250-499	.19
1 Ream (500)	69.00

WHITE - CLEAR - GOLD - SILVER COATED DECAL PAPER AVAILABLE IN QUANTITY



**ADVANCE PROCESS SUPPLY CO., INC.**

CHICAGO 12, ILLINOIS U.S.A.

# GLOSS LACQUER

OPAQUE - EASY TO SCREEN - DRIES HARD AND GLOSSY



## Suggested Use

## (HL-series)

ADVANCE HL Lacquers may be used successfully on the following items:

- PAPER      • WOOD      • LEATHER
- CARDBOARD      • GLASS      • METAL PARTS
- PYROXYLIN BOOK COVERS



## Type Product

HL-Series Gloss Lacquer is manufactured from true Nitrocellulose Resins. This product is one of the oldest plastics and probably the first to be discovered; yet with the thousands of plastics available, Nitrocellulose continues as a standard for good tough film forming characteristics. Only lacquer type washups and thinners are recommended.

## General Description

A good all purpose Gloss Lacquer for general use and excellent adhesion to a great many surfaces. HL-series lacquers are well recognized for their outstanding drying, opacity, gloss and adhesion. This product possesses excellent screenability and flow. While the resultant dried film is tough and durable it still possesses a degree of flexibility. Excellent opacity of white and colors make this line superior for bookcover printing.

## Color Specifications

A large range of 21 non-bleeding colors available. Most colors are excellent for light fastness in masstone. With, but a few exceptions all colors are very opaque. Check for further qualifications in extended tints.

## Color Mixing and Modification

This color line was designed to be used straight from the container for greatest opacity. When using this line on light colored backgrounds it is possible and practical to reduce all colors at least 25 percent with Clear Base # HL-80. A small amount (5 percent) of thinner # T-904 will render HL-series very much easier to print. For very fine details and in Hot dry climates use only T-999 retarder for reducing these colors. Any lacquer washups can be used for cleaning screens only. T-902 Washup is a fast acting low price solvent blend for water soluble and photo screens. T-925 was designed for Lacquerproof cut-film screens.

## Process Printing Instructions

Only lacquerproof and watersoluble hand cut screens and fillers should be used with HL-series colors. Any mesh from coarse to fine can be used depending upon application. 12XX - 16XX meshes are normally used for most printing applications.

## Important

HL-series colors will dry well under any conditions. Racked prints normally dry in one-half hour. Auto-Rack Wicket Drying can be reduced to 10-15 minutes and the Auto-Jet Turbo Dryer will dry all colors in 6-12 seconds depending on temperature, deposit, etc.

## WRITE FOR COLOR CHART

CAT. NO.	COLOR	QUART	GAL.	5GAL.
HL-12	White	\$2.55	\$9.20	\$8.95
HL-20	Primrose Yellow	2.80	9.85	9.60
HL-21	Lemon Yellow	2.80	9.85	9.60
HL-22	Medium Yellow	2.80	9.85	9.60
HL-26	Orange	2.80	9.85	9.60
HL-30	Emerald Green	3.30	10.65	10.40
HL-31	Deep Green	2.50	9.10	8.85
HL-34	Turquoise Blue	3.00	10.65	10.40
HL-40	Ultramarine Blue	2.50	9.10	8.85
HL-41	Royal Blue	2.50	9.10	8.85
HL-45	Prussian Blue	2.30	8.25	8.00
HL-47	Peacock Blue	3.00	10.65	10.40
HL-49	Purple	2.80	9.85	9.60
HL-50	Fire Orange	2.70	9.45	9.20
HL-52	Bright Red	2.70	9.45	9.20

HL-14 High Cover White

2.70 10.20 9.95

LARGER QUANTITY DISCOUNTS APPLICABLE

CAT. NO.	COLOR	QUART	GAL.	5 GALL.
HL-51	Toluidine Red	2.70	9.45	9.20
HL-54	Deep Red	2.70	9.45	9.20
HL-56	Magenta	3.75	13.95	13.70
HL-57	Cerise	3.75	13.95	13.70
HL-59	Maroon	2.50	9.10	8.85
HL-60	Brown	2.50	9.10	8.85
HL-70	Black	1.95	6.70	6.45
HL-78	Bronze Base	1.50	4.70	4.45
HL-80	Gloss Clear Base	1.50	4.70	4.45
T-904	Lacquer Thinner	1.20	3.35	3.20
T-905	Fast Lacquer Thinner	1.20	3.35	3.20
T-999	Lacquer Retarder	1.50	4.95	4.80
T-902	Fast Lacquer Washup	.85	1.95	1.80
T-925	Lacquer Washup (mild)	.85	1.95	1.80

**ADVANCE PROCESS SUPPLY CO., INC.**

CHICAGO 12, ILLINOIS U.S.A.

# FABOGRAPHY\*

**T**

The coloring of fabrics dates back to about 4000 B.C. as recorded in the annals of Egyptian civilization.

Early attempts at coloring fabrics were all made by saturating material with natural and mineral color solutions.

Technically speaking, coloring matter in solution stains the fabric while pigments are colors which lie on the surface. The demand for colored draperies, tablecloths and clothes was so great in the last several centuries that many systems, mostly very complicated were developed. Soon large scale production of printed textiles became a reality and a huge industry was created.

Most pigment colors used in the printing and dying of fabrics were inferior because the binder which anchored the pigment colors to the fibers was unsuitable. Albumen, glues, casein and varnishes all had their trials but resulted in faulty and unstable coloring.

Early in the 1930's nitrocellulose and ethylcellulose was popular as a vehicle, especially on rayon. These lacquers were simple to manufacture and silk screen printed very sharply. They withstood repeated washings but had certain inherent faults which soon made them outdated. Today a new type product is available to the Screen Process Industry for printing textiles in general.

The success of this system is based upon the discovery of a new poly-synthetic resin which becomes insoluble upon heat treatment or with time. Expert formulations of organic pigments combined with solvent, water and resins form an emulsion of terrific advantage.

Consumer demand for advertising and decorative printed fabrics are at an all-time high.

Screen process printing is the natural method for producing these items.

**A**

Dvance Rainbow Textile colors and Clear Base #CD-80 are based on the foregoing principles and will permit the simplest Silk Screen printing on light colored fabrics.

The screen processor should be extremely cautious when printing textiles. Synthetic fibers and multi-purpose coatings offer numerous adhesion problems. Test for washfast and dry cleaning instability. All textile colors are sold without warranties expressed or implied.

ADVANCE Textile Colors dry quickly through the screen leaving the fabric with a soft hand.

\* COURTESY OSCAR A. TURNER  
of the FABRITECTURE INSTITUTE  
Chicago 6, Illinois



**ADVANCE PROCESS SUPPLY CO., INC.**

CHICAGO 12, ILLINOIS U.S.A.

# AIR-SET TEXTILE COLORS

## (PAT-series)

- THE SIMPLEST TEXTILE SCREEN PROCESS COLOR EVER OFFERED.
- FOR USE ON COTTONS AND ABSORBENT FABRICS.
- NO HEAT TREATMENT NECESSARY.
- PRINTS EXTREMELY FINE DETAIL AND HALFTONES.
- ANY TYPE CUT FILM OR PHOTO SCREEN CAN BE USED.

CAT. NO.	COLOR	QUART	GALLON	5 GAL.
PAT-120	Super White	\$2.90	\$9.90	\$9.65
PAT-210	Light Yellow	2.90	9.90	9.65
PAT-260	Orange	2.90	9.90	9.65
PAT-300	Brilliant Green	4.00	13.75	13.50
PAT-440	Super Blue	4.00	13.75	13.50
PAT-500	Vermilion	4.00	13.75	13.50
PAT-540	Deep Red	4.00	13.75	13.50
PAT-600	Brown	2.90	9.90	9.65
PAT-700	Black	2.25	7.50	7.25
PAT-800	Extender Base	1.40	4.50	4.25
T-900	Washup and Thinner	.65	1.40	1.25
T-910	Slow Thinner	.65	1.40	1.25

WITH THE EXCEPTION OF WHITE, USE AIRSET TEXTILE COLORS ON LIGHT COLORED BACKGROUNDS ONLY.

Air Set Textile Colors are polymerizing resin based flexible colors. Just process these colors through 10XX -12XX mesh silk.

Any type hand cut or photo film can be used with Air Set Textile Colors. Washup and thin only with recommended Aromatic Solvents. While the "hand" or light weight fabrics is not as soft as "Rainbow" Textile Colors, the flexibility is excellent and no appreciable difference can be noted on heavier weight materials.

These brilliant colors dry within 20 minutes without heat processing. Heat will set these colors extremely rapidly. This line is excellent for schools as the same colors can be used for printing on paper. Colors inter-mix very easily and extender base PAT-80 produces an unlimited variety of tints.



## TABLE WAX No. 316

A special pressure sensitive wax which is used for applying to the screen process hand table operation. While this compound is most popular on textiles, tee-shirts, etc., it is also quite a boon to plastic, metal and paper processors. Textile table wax compound eliminates sticking and pining and results in speedier production.

Cat. No. WT-316

Quart \$2.50

Gallon \$7.95

5 Gallon \$7.70

## Textile Flock Adhesive No. 9080



TEXTILE flock adhesive # 9080 is a heavy bodied compound of very flexible resins made specially for screen printing on textile and absorbent materials. Use Thinners and mixing bases sparingly to maintain properties of this compound. It is recommended that Synthetic Enamel Colors (see page 9) be added in proportions of 50-50 to this color to match the flock used. A normal air dry time of about 8 hours can be expected.

Use 6 or 8XX mesh, heavy stencil, and dull or round edge medium soft squeegee for printing flock adhesive # 9080. Apply flock to surface immediately after print is made. Allow to dry before removing excess.

TEXTILE FLOCK ADHESIVE NO. 9080

Gallon - \$6.95

Quart - \$2.25

5 Gallon - \$6.75

**ADVANCE** PROCESS SUPPLY CO., INC.  
CHICAGO 12, ILLINOIS U.S.A.

# RAINBOW SUPER Concentrated

## INDUSTRIAL TYPE - PIGMENT EMULSION

# TEXTILE COLORS

MUST BE EXTENDED AT LEAST 3 PARTS BASE TO 1 PART COLOR

**Suggested Use** NYLON - RAYON - ACETATE - ORLON

COTTON - LINEN - BURLAP - PERCALE - FELT

Guest towels	Valances	Portfolio covers	Dolls	Aprons
Curtains	Hankies	Phone book covers	Hats	Smocks
Table mats	Pajamas	Scrap book covers	Beach robes	Doilies
Dresser scarfs	Bibs	Auto seat covers	Place mats	Stage settings
Chair covers	Slipcovers	Canvas lawn chairs	Ties	Murals
Bedspreads	Pennants	Backgrounds	Shirts	Beach bags
Drapes	Kimonas	Charts and visual aids	Shorts	Monograms

Athletic jerseys and equipment
Dance decorations
Gift wrappings
Handkerchiefs
Monograms



**Type Product** Very Flexible Bake-Curing Resins Emulsified with combination of Aromatic Solvents and Water.

### General Description

Rainbow Pigment Emulsion Colors are a Super-Concentrated very well dispersed select textile medium. These colors must be reduced with low cost extender emulsion vehicle - such as CD-82; in suitable proportions. Properly Mixed, Screen Printed and Heat Cured, Rainbow Textile Colors will provide fast and durable prints.

### Important

Check all prints on fabric to be used for production run. Starch and many synthetic fabric finishes will interfere with washability and dry cleaning resistance.

### Color Mixing and Modification MUST BE EXTENDED AT LEAST 3 PARTS BASE TO 1 PART COLOR

All CDS-series Rainbow Textile Colors are Super-Concentrated Pigment Dispersions. These colors should not be used as is. Rainbow Super Concentrated Colors must be well mixed in varying proportions with Textile Extender Emulsion CD-82. The final color depth and brilliance will depend upon the proportions used and the thoroughness of the mix. Also the "hand" or fabric flexibility and softness becomes superior as the color is reduced properly.

Deep Black can be obtained with homogenized mixing of 1 part Black Rainbow Pigment to 3-parts Base CD-82. Intensely strong and brilliant vivid Reds can be made by mixing 1 part Red Rainbow Pigment to 4 parts Base CD-82. Vivid Yellows can be used mixed up to 8 parts Base CD-82 to 1 part Rainbow Pigment Yellow.

Pastels and light colors, matches and blends are simply made by mixing thoroughly very little Super Concentrated Rainbow Pigment Emulsion Color with the largest quantity of CD-82 Base.

All colors print with a transparent dye-like effect. Printing one color over another produces additional colors.

All Rainbow Colors are primarily intended for white and very lightly colored goods. White Rainbow CDS-12 Pigment Dispersion is suitable for dark and colored fabrics. Mix properly with CD-82 Base in equal proportions for fair "hand".

Rainbow colors added to CDS-12 White Pigment produce opaque color effects.

Check colors on fabric to be used when testing for durability or for color matching as colors change somewhat due to penetration and drying. **MUST BE EXTENDED AT LEAST 3 PARTS BASE TO 1 PART COLOR**

CAT. NO.	COLOR	PT.	QT.	GAL.	5 GAL.
CDS-12	Pigment White	\$1.90	\$2.85	\$ 9.95	\$ 9.70
CDS-20	Yellow SG	2.10	3.25	11.50	11.25
CDS-26	Orange LC	2.40	3.75	13.95	13.70
CDS-30	Green B	3.20	5.40	19.95	19.70
CDS-41	Blue LCR	2.90	4.80	16.50	16.25
CDS-44	Blue LCG	2.70	4.35	15.50	15.25
CDS-48	Violet	3.50	5.90	21.00	20.75
CDS-50	Bright Red Y	2.80	4.65	15.95	15.70
CDS-52	Scarlet	2.80	4.65	15.95	15.70
CDS-54	Deep Red B	2.80	4.65	15.95	15.70
CDS-60	Brown LCR	2.05	3.05	10.75	10.50
CDS-70	Jet Black # 4T	1.85	2.75	9.50	9.25
*CDS-80	Conc. Extender Base	-	2.00	6.50	6.25
CD-80	Light RM Extender Emulsion	-	1.00	2.75	2.50
CD-82	Heavy RM Extender Emulsion	-	1.00	2.75	2.50
CD-90	Low Crock Additive	-	2.25	7.50	7.25

\*Recommended preparation formulation for CDS-80 Concentrated Extender - supplied upon request. Homogenizing equipment is required for mixing CDS-80 Concentrated Extender Base. May We Quote You.

# Texo-Flex

# Textile Lacquers

OPAQUE COLORS FOR PRINTING DARK COLORED TEXTILES WHERE SOFT HAND IS IMPORTANT

Texo-Flex opaque Textile Lacquers were developed primarily for those difficult textile jobs. High coverage and extreme flexibility characterize this lacquer line. Use 8XX or 10XX silk in conjunction with a water soluble cut or photo screen. Texo-Flex colors will air dry in 20-30 minutes or heat set in seconds.

CAT. NO.	COLOR	QUART	GALLON	5 GALLON
TEX - 12	Super White	\$3.40	\$11.50	\$11.25
TEX - 21	Bright Yellow	3.50	11.95	11.25
TEX - 22	Medium Yellow	3.50	11.95	11.25
TEX - 30	Emerald Green	4.00	14.25	14.00
TEX - 43	Light Blue	3.50	11.95	11.70
TEX - 52	Bright Red	3.75	13.00	12.75
TEX - 70	Black	3.20	10.75	10.50
TEX - 80	Extender Base	1.95	5.80	5.55
T-900	Thinner	.65	1.40	1.25
T-902	Washup	.85	1.95	1.80

Other Colors Made Per Request



# AQUA SCREEN PROCESS POSTER COLORS

WATER BASE

AQUA SCREEN PROCESS POSTER COLORS are made with extreme care under scientific supervision. They are easy screening, brilliant and produce a smooth even tone. The colors are non-bleeding and have high opacity. The pigments are very finely ground. Ideally suited for use with 10xx or 12xx Mesh Screens. Will not chip or rub off. Available in quarts and gallons. Extend colors in any proportions with Extender Base # PAK-80. Excellent for school and home use.

Thin and washup with water..... Use Hand Cut Lacquer Type films only.

## A BRILLIANT EASY SCREENING OPAQUE COLOR LINE

Cat. No.	Color	Quart	Gallon
PAK-10	White	\$2.10	\$7.10
PAK-21	Yellow	2.50	8.60
PAK-22	Medium Yellow	2.50	8.60
PAK-31	Green	2.50	8.60
PAK-34	Turquoise Blue	2.30	7.80
PAK-40	Ultra Blue	2.30	7.80
PAK-48	Violet	2.50	8.60
PAK-50	Light Red	2.30	7.80
PAK-54	Dark Red	2.30	7.80
PAK-56	Magenta	2.50	8.65
PAK-60	Brown	2.10	7.10
PAK-70	Black	2.10	7.10
PAK-80	Extender Base	1.55	5.90



Non-bleeding...  
Smooth Flat Finish



#### SUGGESTED USE

Britex is excellent for desized cotton, wools, linens and felt. It is very effective on some non-treated synthetics including Rayon, Dacron, and Fiberglass.

#### TYPE PRODUCT

Britex-BRI-Series is a thermo-setting curing type color line. The vehicle is a very stable oil in water type emulsion. Test on material before printing.

All BRITEX-BRI series colors are quite strong and further reductions with BRI-800 Base is in order for further economy. TINTS can be simply made by mixing with this base.

#### GENERAL DESCRIPTION

Advance Britex is a brilliant Aqua-Phase Textile Color outstanding for its flexibility, washability, and color-fastness.

#### IMPORTANT HEAT-SET INSTRUCTIONS

At anytime after printing is complete, Britex Textile Colors should be heat-set as follows: Continuous Temperature at 275 for 5 minutes or - Continuous Temperature of 375 for 2 minutes. Above curing cycle depends upon several factors - the dry time of color, the type of equipment used for curing, the color, the fabric and the heaviness of deposit. No other special curing chemical or equipment is necessary.

#### COLOR SPECIFICATIONS

All colors offered as standard are of highest quality and durability. Lowest Crock, and highest resistance to fading is assured with Britex.

Advance Britex Textile Emulsion Colors have been formulated for use on practically all fabrics.

#### PROCESS PRINTING INSTRUCTIONS

Stir vigorously before using and seal container tightly after using. Use number 8XX or 10XX mesh, silk or Dacron, stretched wet. Use waterproof cut film or photo direct coating type. Extend with BRI-800 base. Thin with water. Use soft squeegee No. 50 durometer with dull edge blade. For multicolor work, print one color over another when wet. For opaque results, mix color with white, BRI-100. Heat cure for 5 minutes at 300° F., minimum. Washup with DET-34 Detergent and water.

A soft dull standard squeegee is best for printing most goods. On very rough fabrics and terry cloth a round edge plastic or wood type blade is most successful. Printing is accomplished in the conventional manner using pressure sensitive tape or table wax to hold the parts until all colors are printed. Long table printing is the desirable method for yard goods. Many methods can be employed for color registration but in every case the goods are not moved until all colors have been printed. Two, three and four colors are usually printed up one after another while the colors are still wet "on contact".

# BRITEX

## BRILLIANT AQUA PHASE

## Textile Colors

### (BRI - SERIES)

A Strong Brilliant Color - With  
Minimum Penetration into Cloth

Color Series and Number	Quarts	Gallon	5-Gallon
BRI-100 Super-White	\$2.05	\$6.80	\$6.55
BRI-203 Neutral Yellow G	2.25	7.60	7.35
BRI-215 Lemon Yellow R	2.75	9.45	9.20
BRI-309 Brilliant Green G	2.95	10.35	10.10
BRI-440 Brilliant Blue G	2.70	9.40	9.15
BRI-445 Brilliant Blue R	2.30	7.80	7.55
BRI-484 Violet B	3.50	12.50	12.25
BRI-503 Brilliant Red Y	2.75	9.65	9.40
BRI-544 Red G	2.80	9.80	9.55
BRI-526 Brilliant Red B	3.65	10.80	10.55
BRI-538 Red B	3.45	12.40	12.15
BRI-723 Black G	1.95	6.30	6.05
BRI-800 Extender Base Ready Mix C	1.25	3.50	3.25
Z-14 Penetrant	6.50	22.00	-
DET-34 Detergent Additive for Water Washup	1.50	4.50	4.25

Also Sold on per lb. Base to Quantity Users. Price Per Gallon

EXCELLENT FOR SCHOOL AS A SAFE WATER BASE COLOR FOR CLOTH AND PAPER PRINTING.



**ADVANCE PROCESS SUPPLY CO., INC.**

CHICAGO 12, ILLINOIS U.S.A.



# FELT, CANVAS and DENUM PAINT

(CAP-series)

## Suggested Use

CLOTH BANNERS, ADVERTISING DISPLAYS ON FABRICS,  
PRINTING OF PLAY SUITS, TIES, DENUM AND COSTUMES.

FELT PENNANTS, EMBLEMS, AND SOUVENIR ITEMS.  
Cotton, linen, wool, rayon and other synthetic fabrics.

## Type Product

Very flexible long oil synthetic enamel. Drys by oxidation - Mineral Spirits Mild Solvents Only.

## Color Specifications

All colors are very opaque and pigmented highly. This color line available in only a limited range of colors. All are of good performance and will withstand general use very well. Excellent for flock adhesive on cloth.

## Color Mixing and Modification

CAP-Series Paints are very heavy as supplied. It will be necessary to mix various bases and thinners occasionally to keep this product screenable yet of high viscosity. Transparent Base # 853 is used to reduce viscosity slightly. This base also extends color strength. For fast reduction of viscosity use CAP-80 Reducer. Thin and washup with Mineral Spirits.

## Important

### OPACITY

Unsurpassed opacity, excellent on dark grounds.

### COVERAGE

500-600 square feet per gallon.

### DRYING TIME

Tack free in 2 hours, repeat printing in 3-4 hours, air dries overnight.

### FLEXIBILITY

Excellent flexibility (even after long period of ageing).

### FINISH AND GENERAL FEATURES

Slight sheen. Colors will stand up under outdoor exposure. Due to minimum of penetration, colors retain build-up. Will not clog screen and print very sharply.

After fabrics are thoroughly dry and have aged for a week, they will withstand ordinary washing and have a good, resistance to dry cleaning.

## Process Printing Instructions

These silk screen colors are a heavy bodied non-penetrating paint for canvas, awnings, felt, duck and porous fabrics. Use very large mesh silk such as 2XX-6XX. Print with medium rounded squeegee blade. These oxidation type colors dry weatherproof and flexible.

Any type handcut stencil of heavy thickness is best. Use coarse mesh fabric as 2XX - 6XX for large areas. 8XX - 10XX for smaller printing details.

## FELT, CANVAS AND DENUM - PRICE LIST

USE A MEDIUM SOFT ROUND EDGE SQUEEGEE FOR PRINTING					
Cat. No.	Color	Quarts	Gallons	5 Gallons	
CAP-10	White	\$2.65	\$ 9.90	\$ 9.65	
CAP-21	Light Yellow	2.70	10.25	10.00	
CAP-22	Medium Yellow	2.70	10.25	10.00	
CAP-26	Orange	2.90	10.90	10.65	
CAP-30	Emerald Green	2.90	10.90	10.65	
CAP-31	Dark Green	2.65	9.95	9.70	
CAP-46	Bright Blue	2.65	9.95	9.70	
CAP-52	Bright Red	2.90	10.90	10.65	
CAP-70	Black	2.55	9.35	9.10	
CAP-80	Reducer	1.90	6.40	6.15	
T-460	Thinner	.65	1.35	1.20	
T-125	Washup	.60	1.25	1.10	
823	Transparent Base	1.45	4.95	4.70	

ABOVE COLORS AIR DRY FLEXIBLE IN APPROXIMATELY 12 HOURS.

**ADVANCE** PROCESS SUPPLY CO., INC.

CHICAGO 12, ILLINOIS U.S.A.

# Colors FOR Plastics

*Tested  
and Approved*

The following are some of the PLASTICS for which we have standard and special colors:

- ACRYLICS
- CELLULOSE ACETATE  
(Tenite I)
- CELLULOSE ACETO BUTYRATE  
(Tenite II)
- CELLULOSE NITRATE
- MYLAR
- PHENOLICS
- POLYESTERS
- POLYSTYRENE
- POLYVINYLS
- POLYETHYLENE
- POLYPROPYLENE

The Silk Screen Process has become the most practical method for printing and decorating plastic items. This recognition created countless paint and color problems.

Over 15,000 plastics have been made in the United States, and some 3,000 are in commercial production. Many of these, even though used for the same purpose, are not compatible with each other. The use of an incompatible coating material on a plastic may cause trouble as long as several months after being applied. We have made a distinct specialty of standard and special paints for adhering to rigid and flexible plastics. Our large selection of colors offer infinitely beautiful effects.

Your order should give all possible information as to the type, the source, and if possible the manufacturer's number on the plastic or sheeting to be screened or painted. If this information is not available for any reason, a sample should be sent with your order so that we can advise proper paint to use, and the proper screen for this application.



# MULTI-VAC PLASTIC FORMING COLORS

(PAB-Series)

For Styrene, Butyrate, Acrylics, and Vinyls

A Permanent Color with Perfect Screening Qualities

#### TYPE PRODUCT

A well formulated blend of unusual resins soluble in only the specialized solvents recommended with this line. Do not mix with any other line.

#### SUGGESTED USE

Screen printing - coating - spraying of all acrylic, styrene and butyrate plastic sheets. Also many other applications.

#### GENERAL DESCRIPTION

COLORS: Brilliant and wide range.

OPACITY: Good.

COVERAGE: Approximately 1000 square feet per gallon.

AIR DRY TIME: 30 minutes approximately.

JET DRY TIME: 20 seconds at 200° temperature.

FINISH: Good gloss - scuff resistant.

ADHESION: To most plastics excellent.

ODOR: Good

#### COLOR SPECIFICATIONS

Multi-vac plastic forming colors (PAB series) is made in a ready-to-print sharp printing consistency. This product air dries in approximately 30 minutes to a good gloss scuff resistant finish. A wide range of colors are offered from stock and vacuum forming will not rupture the films. For over print gloss protective coatings use PAB-8000 clear base. This can also be used to extend the colors and increase gloss.

#### PROCESS PRINTING INSTRUCTIONS

Print all colors and clear straight from can or reduce for economy and better gloss with clear base #PAB-8000. Use #14xx-16xx mesh for colors and 10xx-12xx mesh for clear coats. (Nylon and metal mesh) produces very exceptional coatings. Use only thinner #T-669 or retarder #T-670 with PAB colors and clear. Washup with #T-902 or a good lacquer washup. For spraying or other coating applications consult the manufacturer.

Color Series and Number	Quart	Gallon	5-Gallon
PAB-100 White	\$2.95	\$9.75	\$9.50
PAB-200 Primrose Yellow	3.40	11.50	11.25
PAB-210 Lemon Yellow	3.40	11.50	11.25
PAB-220 Medium Yellow	3.40	11.50	11.25
PAB-260 Orange	3.50	11.90	11.65
PAB-300 Emerald Green	4.25	14.95	14.70
PAB-310 Dark Green	3.70	12.80	12.55
PAB-435 Regal Blue	3.70	12.80	12.55
PAB-475 Peacock Blue	3.70	12.80	12.55
PAB-500 Bright Red	3.70	12.80	12.55
PAB-507 Cadmium Red	3.70	12.80	12.55
PAB-520 Satellite Red	3.70	12.80	12.55
PAB-540 Deep Red	3.95	13.85	13.60
PAB-600 Brown	3.20	10.75	10.50
PAB-720 Black	2.95	9.75	9.50
PAB-8000 Clear Base & Overprint	2.70	8.50	8.25
T-690 Thinner	1.35	4.50	4.35
T-670 Retarder	1.35	4.50	4.35
T-902 Washup	.80	1.95	1.80
T-625 Fast Wiping Solvent	1.35	4.50	4.35

Prices Per Gallon

WRITE FOR COLOR CARDS

**ADVANCE** PROCESS SUPPLY CO., INC.  
CHICAGO 12, ILLINOIS U.S.A.



**WEATHERPROOF FLEXIBLE  
VINYL COLORS  
OPAQUE, BRILLIANT,  
NON-BLEEDING  
(PVW-Series)**

**TYPE PRODUCT**

This is a true Vinyl product and is to be thinned with extender or suitable thinners and bases.

**SUGGESTED USE**

The PVW series Vinyl colors are excellent for highest quality Screen Printing on: Vinyl items - Vinyl Coated Products - Decals - Cloth - Vacuum Formed Parts - Toys - Novelties - Shower Curtains - Flags - Bookcovers - Wearing apparel - Molded Parts - Vacuum Formed Signs and Parts.

**GENERAL DESCRIPTION**

ADVANCE Brilliant Vinyls are a time tested line of easy-to-squeegee Silk Screen Colors. These brilliant colors have exceptional hiding and dry to a semi-gloss flexible finish.

Rigid and flexible Polyvinyls are solid under many tradenames such as - Koroseal - Royalite - Marvelon - etc. . . ADVANCE Flexible Vinyl Colors actually weld into most Polyvinyl plastics. Certain Vinyl Plastic Coatings, moldings, castings and extrusions contain or are coated with waxes or other incompatible materials. Also many new polymers are blended for economy and durability. It is best to screen test color before production. If in doubt, send sample piece to our laboratory for testing.

Weatherproof - Flexible Vinyl colors are a superior line of inks formulated for highest quality work on Vinyls and Vinyl coated materials. Many improved features in actual color value, film strength, weatherability and adhesion make this PVW series superior to even our well accepted UL line. This line is ideal for vacuum forming.

**COLOR SPECIFICATIONS**

Most Vinyl colors in this line are of excellent opacity. The color permanency is very exceptional and will bake or heat set without severe change. Check printed specification on color chart for exact color ratings. Finish is non-scuff and with slight sheen. All colors are formulated for highest quality and will not bleed.

**PROCESS PRINTING INSTRUCTIONS**

Vinyls are one of the most popular plastics. Reports indicate that a tremendous volume of Vinyl Plastic moldings, extrusions and sheeting are sold for fabricating and printing.

Use water soluble cut screen or photo screen only with ADVANCE Brilliant Vinyl Colors. Number 12XX or 14XX mesh is normally used. Colors can be printed straight out or reduced with #T-926 Thinner. In extremely hot, and dry conditions add 5 percent Retarder #T-980. Ultra Brilliant gold and silver can be made by mixing with PVG-78 clear base. Clean screens with Washup #T-903.

To produce extremely good glossy prints add 10-20 percent Gloss Base #3550. To flatten these colors add PV-90 flat clear or UL colors.

Color Series and Number	Quart	Gallon	5-Gallon
PVW-100 White	\$3.20	\$10.75	\$10.50
PVW-200 Primrose Yellow	3.40	11.50	11.25
PVW-210 Lemon Yellow	3.40	11.50	11.25
PVW-220 Medium Yellow	3.40	11.50	11.25
PVW-260 Orange	3.50	11.90	11.65
PVW-300 Emerald Green	4.25	14.95	14.70
PVW-320 Forest Green	3.40	11.50	11.25
PVW-350 Turquoise Blue	3.95	13.85	13.60
PVW-400 Ultramarine Blue	3.20	10.75	10.50
PVW-435 Regal Blue	3.70	12.80	12.55
PVW-475 Peacock Blue	3.70	12.80	12.55
PVW-500 Bright Red	3.50	11.90	11.65
PVW-520 Satellite Red	3.70	12.80	12.55
PVW-540 Deep Red	3.95	13.85	13.60
PVW-600 Brown	3.20	10.75	10.50
PVW-720 Black	3.20	10.75	10.50
PVW-200T Transp. Yellow Perm.	3.65	12.50	12.25
PVW-470T Transp. Blue Perm.	4.25	14.95	14.70
PVW-520T Transp. Red Perm.	5.25	18.90	18.65
PVG-78 Gold Base	2.60	8.35	8.10
PV-80 Clear	2.60	8.35	8.10
PV-90 Flat Clear	2.75	8.90	8.65
PV-3550 Gloss Base	2.95	9.75	9.25
T-926 Thinner	1.35	4.50	4.35
T-906 Brushing Thinner	.85	1.95	1.80
T-903 Washup	.90	2.45	2.30
T-960 Reg. Retarder	1.30	3.95	3.70
T-980 Super Retarder	1.50	4.95	4.80
Price Per Gallon			

WRITE FOR COLOR CHART

**ADVANCE PROCESS SUPPLY CO., INC.**

CHICAGO 12, ILLINOIS U.S.A.

# VINYL COLORS

(UL-series)



**Suggested Use**

All rigid and flexible vinyl and vinyl coated products - fabrics. Fast dry applications - Paper Cardboard - Washable Wallpapers - Lamp Shades - Murals - Bookcovers - Toys - Novelties - Excellent for Kleen-Stik and Vinyl Pressure Sensitive Signs. Not to be used alone for vacuum formed parts.

**Type Product**

This is a true stabilized Vinyl line of good quality and durability. Use standard Vinyl thinners, bases and washups with these colors.

**General Description**

To fill a large demand for fast drying vinyl colors with good qualities and a tough flat finish. Advance has developed the UL-Vinyl Line. This series of colors easily prints the finest details. Diecuts and screens with ease. Dries rapidly under normal conditions. Heat dries in seconds.

**Process Printing Instructions**

Use water soluble cut screen or photo screen only with ADVANCE Brilliant Vinyl Colors. Number 12XX or 14XX mesh is normally used. Colors can be printed straight out or reduced with # T-926 thinner. In extremely hot, and dry conditions add 5 percent retarder # T-980. For additional economy extend color in all proportions with Extender Base # UL-800.

**Color Specifications**

Full range of colors - available in standard line. Excellent general adhesion for indoor application. Check individual colors permanence for outdoor application.

Excellent dry time in racks, Auto-Rack and Jet Dry. Opacity is maximum. Finish is flat. Characteristic vinyl odor present.

Cat. No.	Color	Quart	Gallon	5 Gallon	Cat. No.	Color	Quart	Gallon	5 Gallon
UL-10	White	\$2.70	\$ 9.90	\$ 9.65	UL-70	Black	2.60	9.55	9.30
UL-21	Lemon Yellow	2.60	9.55	9.30	UL-624	Yellow Oxide	2.95	9.95	9.70
UL-22	Medium Yellow	2.60	9.55	9.30	UL-627	Orange Tan Oxide	2.95	9.95	9.70
UL-30	Emerald Green	3.60	12.30	12.05	UL-653	Red Oxide A	2.95	9.95	9.70
UL-31	Deep Green	2.70	9.90	9.65	UL-655	Red Oxide B	2.95	9.95	9.70
UL-40	Ultra Blue	2.75	10.20	9.95	UL-659	Crimson Red Oxide	2.95	9.95	9.70
UL-45	Prussian Blue	2.70	9.90	9.65	UL-666	Tan Oxide	2.95	9.95	9.70
UL-51	Toluidine Red	3.10	11.55	11.30	UL-616	Deep Brown Oxide	2.95	9.95	9.70
UL-52	Bright Red	3.10	11.55	11.30	T-903	Washup	.90	2.45	2.30
UL-54	Deep Red	3.10	11.55	11.30	T-926	Thinner	1.35	4.50	4.35
UL-60	Brown	2.60	9.55	9.30	T-980	Retarder	1.50	4.95	4.80

**ADVANCE PROCESS SUPPLY CO., INC.**  
CHICAGO 12, ILLINOIS U.S.A.

# ACETATE LACQUER

## (CL-series)



NON BUCKLING TYPE QUICK DRYING - PRINTS FINE DETAILS - EXCELLENT ADHESION

A very unusual type lacquer made specially for good adhesion to Cellulose Acetate (Tenite I) Plastic Sheeting. Due to the buckling and puckering characteristics of regular Acetate Lacquers, Advance has found it necessary to produce this superior product for this plastic.

CL-Lacquers print sharply without drying in the screen yet dry on the stock within 20-30 minutes. The finish when dry, is flat and flexibility is extremely good.

PRICE LIST CL-SERIES ACETATE LACQUERS

CAT. NO.	COLOR	QUART	GALLON	ASSORT. 5 GALLON
CL-100	White	\$2.95	\$ 9.75	\$ 9.50
CL-210	Lemon Yellow	3.40	11.50	11.25
CL-220	Medium Yellow	3.40	11.50	11.25
CL-310	Deep Green	3.40	11.50	11.25
CL-435	Regal Blue	3.70	12.80	12.55
CL-500	Fire Orange	3.70	12.80	12.55
CL-520	Satalite Red	3.70	12.80	12.55
CL-546	Deep Red	3.95	13.85	13.60
CL-700	Black	2.95	9.75	9.50
CL-780	Clear Base	2.70	8.50	8.25
T-904	Thinner	1.20	3.35	3.20
T-999	Retarder	1.50	4.95	4.80
T-902	Washup	.80	1.95	1.80

ALL OTHER COLORS AVAILABLE AT "SPECIAL PRICES"

# SCREEN PROCESS★ for Every Effect COLORS★ for Every Surface ★ for Every Material

ADVANCE IS A BASIC MANUFACTURER of a most complete line  
of all Colors - Bases - Clears - Adhesives for every silk screen  
process application ... Colors Matched to your samples.

• FLEXIBLE

• DURABLE

• BRILLIANT

# ACETATE COLORS (C-series)



## Suggested Use

Cellulose Acetate heavy gauge sheeting (over .020) and molded parts only.  
For decals - vacuum formed acetate (I) - toys - greeting cards.

## Type Product

Acetate colors, C-Series are formulated with true acetate resins and are very selective for compatibility and solvents.

## General Description

ADVANCE Flexible Acetate Colors were formulated for use on Cellulose Acetate sheeting or on Acetate molded plastics. [Kodapak, Acetate sheeting, Tenite I and Celanese Rayon only]. They should not be used on Cellulose Aceto-Butyrate [Tenite II] or any other plastics.

Acetate plastics are among the most satisfactory to print and coat, yet are the most misunderstood. If they are coated with an incompatible type of lacquer they may become tacky or lose their adhesion weeks or months later.

## Color Specifications

New increased color range offers large selection of best permanent colors. (check ratings) Opacity is good. Normal coverage is about 1000 square feet per gallon using 14XX silk. Dry time is excellent (air or heat set) - odor mild.

## Process Printing Instructions

Print flexible acetate colors through any mesh silk. Normally 12XX, 14XX or 16XX meshes are best. For base coats of acetate decals, use #2xx or 6xx for heaviest deposits. Use only water soluble films and fillers. Washup with Acetone or #T-945.

ADVANCE Flexible Acetate Colors are fast drying. They do not clog in the screen at normal temperatures and humidity. If working conditions cause rapid drying in screen, add Retarder #T-980. When dry these colors become an integral part of the plastic and may be formed, bent, shaped, molded or embossed without loss of adhesion. Also, no sticking to the dies will be experienced. Use care when printing light gauge stock as some buckling may be experienced.

Decals which will be used on Cellulose Acetate plastics should be screened with these colors for maximum adhesion. In case of doubt as to the type plastic to be printed, send a sample to our lab with your order.

Cat. No.	Color	Quart	Gallon	5 Gal.
C-100	White	\$3.40	\$12.50	\$12.25
C-210	Lemon Yellow	3.50	12.95	12.70
C-220	Medium Yellow	3.50	12.95	12.70
C-300	Emerald Green	4.00	14.95	14.70
C-310	Deep Green	3.50	12.95	12.70
C-435	Regal Blue	3.75	13.95	13.70
C-450	Prussian Blue	3.40	12.50	12.25
C-500	Fire Orange	3.50	12.95	12.70

Cat. No.	Color	Quarts	Gallon	5 Gal.
C-510	American Red	4.00	14.95	14.70
C-600	Brown	3.50	12.95	12.70
C-700	Black	3.35	12.10	11.85
C-800	Clear	2.75	9.90	9.65
T-958	Thinner	1.45	4.95	4.70
T-980	Retarder	1.45	4.95	4.70
T-945	Washup	.95	2.70	2.55

 **ADVANCE PROCESS SUPPLY CO., INC.**  
CHICAGO 12, ILLINOIS U.S.A.

# POLYTERM COLORS



- HEAT-SET
- CATALYTIC
- GLOSS  
(Poly-series)

## General Description

Polytherm inks are based on an entirely new formulation principle. These inks dry rapidly by a very reactive chemical action. A compound (catalyst) is added to the color prior to its use. Polytherm colors will air dry, but to obtain maximum adhesion a bake for 5-10 minutes at 350°F is recommended.

Adhesion of this color to glass, phenolic plastics, metal and most difficult to adhere to surfaces are the outstanding qualifications of Polytherm Colors.

## Process Printing Instructions

Use only water soluble cut films and photo screens only. Mix thoroughly 1 part catalyst to 50 parts color prior to printing with Polytherm colors.

Can stability is approximately four hours depending on temperature, after mixing with catalyst.

Use finest mesh screens as thinner deposits are more economical - faster curing and better for gloss and adhesion. Dacron 14XX - 16XX is ideal. Baking to 300 - 350° for 5-10 minutes is approximate schedule and is dependent on material and deposit. Multi-color prints may be air dried and all colors cured together. Be certain waxes and silicone surfaces have been cleaned thoroughly before printing with inks.

## Color Specifications

All colors have high degree of permanence and resistance to change when heated. Lower priced yellows, greens and reds do darken slightly. Colors may be intermixed readily. Special shades are available. Opacity is good in all colors and white. Gloss is good and finish after cure is mar and scratch resistant. Colors may be also sprayed, and roller coated.

## Important

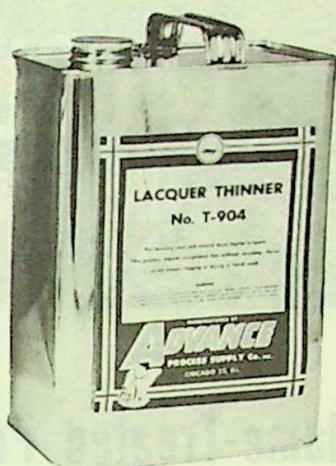
Excellent solvent and chemical resistance when cured. Impervious to acids and alkalis makes Polytherm ideal for electronic industry.

POLY-THERM CATALYTIC HEAT-SET STANDARD COLORS PRICE LIST				
Cat. No.	Color	Pint	Quart	Gallon
POLY-100	White	\$3.50	\$5.75	\$19.25
POLY-208	Cadmium Yellow	4.00	7.00	21.00
POLY-210	Lemon Yellow	3.50	5.75	19.25
POLY-220	Medium Yellow	3.50	5.75	19.25
POLY-300	Emerald Green	4.00	7.00	21.00
POLY-320	Forest Green	3.50	5.75	19.25
POLY-440	Dark Blue	4.00	7.00	21.00
POLY-500	Fire Orange	4.00	7.00	21.00
POLY-507	Cadmium Red	4.75	8.00	26.00
POLY-700	Black	3.50	5.75	19.25
POLY-800	Clear Extender	2.95	4.95	16.75
T-611	Thinner	.85	1.45	4.75
T-600	Washup	.60	.95	2.70



**ADVANCE PROCESS SUPPLY CO., INC.**

CHICAGO 12, ILLINOIS U.S.A.



# CAT-A-LAC

(CAT-series)

**the catalytic lacquer  
with  
tremendous adhesion  
and good durability**

#### Suggested Use

Outdoor applications on signs, thermo-plastic and thermo setting plastics - clear forms an excellent gloss coating for outdoor use on aluminum. Colors are flat finish.

#### Type Product

Specialty lacquer type with unusual balance of resins. Use care in intermixing and thinning.

#### General Description

To complete our very extensive line of plastic and specialty colors CAT-A-LAC was developed. This is a very unusual product in that it produces fast heat cured films of unusual durability. This product may be sprayed, screened or roller coated after Catalyst has been added.

#### Color Specifications

A limited color range is available from stock. Special colors made to order. Permanency is excellent in opaque and transparent types. Colors have very good opacity. Coverage is approximately 1000 feet per gallon. Adhesion to most materials is excellent. Follow heat curing instructions as a basic starting point and make tests in your equipment. Finish is flat. When cured, clear and colors are solvent resistant.

#### Process Printing Instructions

Use only watersoluble screens of hand cut film or photo type. Mix catalyst as recommended prior to use. Thin and washup only with recommended solvents. Addition of CAT-800 Clear to colors tend to increase gloss but generally this line is flat finish. Pot life after catalyst has been added is one full day. Approximate baking temperatures is 300° for 3 minutes. CAT-A-LAC will self-cure within one week.

CATALYST IN DROPPER BOTTLE SUPPLIED AT NO EXTRA CHARGE.

Cat. No.	Color	Quart	Gallon	5 Gallon
CAT-100	White	\$4.85	\$16.50	\$16.25
CAT-210	Lemon Yellow	5.10	17.50	17.25
CAT-310	Deep Green	5.10	17.50	17.25
CAT-454	Regal Blue	5.10	17.50	17.25
CAT-510	American Red	5.10	17.50	17.25
CAT-700	Black	4.85	16.50	16.25

Cat. No.	Color	Quart	Gallon	5 Gallon
CAT-780	Clear Base	\$4.00	\$13.50	\$13.25
CAT-800	Clear Base	4.00	13.50	13.25
T-902	Lacquer Washup	.85	1.95	1.80
T-904	Lacquer Thinner	1.20	3.35	3.20
T-999	Retarder	1.50	4.95	4.80

(other colors and transparents also available)

**ADVANCE PROCESS SUPPLY CO., INC.**

CHICAGO 12, ILLINOIS U.S.A.



# GLOSS - FLEXIBLE POLYETHYLENE LACQUERS (PLY-SERIES)

For All Flame-Treated Polyethylene Plastics

## TYPE PRODUCT

PLY-series polyethylene colors are manufactured of a special blend of resins in the lacquer range. Sharpest printing of finest details can be maintained using this product straight from the container. This product is completely dry when all solvent has been evaporated.

## SUGGESTED USES

This product was developed especially for the polyethylene bottle and package industry for hand and high speed production. It can also be used on all molded and extruded polyethylene parts which have been flame or ozone treated. OTHER USES may also be developed for this unusual high gloss line of colors.

## GENERAL DESCRIPTION

The fast-drying air and forced drying qualities of PLY-series polyethylene colors make this line unique for container printing. A tough, durable, and flexible film of color will adhere very well to poly-plastic and screening qualities are superior. Follow recommended instructions for truly outstanding results.

## COLOR SPECIFICATIONS

All colors are well-pigmented and a large stock selection of brilliant effects can be obtained. If extreme permanency is required, color ratings can be furnished for every available standard in this line. Transparent colors may be obtained as special. Metallic colors are simply made by mixing appropriate metallic pigments in PLY-780 gold base.

## PROCESS PRINTING INSTRUCTIONS

Any mesh screen may be used for printing PLY-colors, however, for sharpest reproduction and most durable screens use Mono Mesh. Specify 220-240- and 270 meshes per inch for all bottle printing. Use T-999 retarder in small proportions for reducing these colors. Washup with T-925 Lacquer Washup.

PLY-colors air dry in about 1/2 hour under normal conditions. Forced warm air drying is advocated (see American Stereo-Dryer.) Dry time approximately 1 minute. Use sharp squeegee at all times and print off contact.

Color Series and Number	Quart	Gallon	5-Gallon
PLY-120 White	\$2.80	\$10.20	\$ 9.95
PLY-210 Lemon Yellow	3.05	10.85	10.60
PLY-220 Medium Yellow	3.05	10.85	10.60
PLY-260 Orange	3.05	10.85	10.60
PLY-300 Emerald Green	3.55	11.65	11.40
PLY-310 Deep Green	2.75	10.10	9.85
PLY-410 Royal Blue	2.75	10.10	9.85
PLY-470 Peacock Blue	3.25	11.65	11.40
PLY-510 Toluidine Red	2.95	10.45	10.20
PLY-520 Bright Red	2.95	10.45	10.20
PLY-540 Deep Red	2.95	10.45	10.20
PLY-590 Maroon	3.60	12.05	11.80
PLY-600 Brown	2.75	10.10	9.85
PLY-700 Black	2.20	7.70	7.45
PLY-780 Bronze Base	1.75	5.70	5.45
T-999 Lacquer Retarder	1.50	4.95	4.80
T-925 Lacquer Washup	.85	1.95	1.80

Prices Per Gallon

Fast Drying of Ply Colors Means Full Automation with the Stereo-Dryer



**ADVANCE PROCESS SUPPLY CO., INC.**

CHICAGO 12, ILLINOIS U.S.A.



# GRIP-FLEX PLEXIGLASS COLORS

GRIP-FLEX coatings are especially formulated for application on Plexiglas and Lucite. When correctly applied, the adhesion and flexibility of the film permit forming operations to be performed after GRIP-FLEX has been applied to the plastic.

GRIP-FLEX is manufactured in REGULAR AND FADE RESISTANT colors. The REGULAR colors are ordinary inorganic coating colors found in most paints, lacquers and enamels, which do not have good outdoor color retention. The FADE RESISTANT line carries the hard to locate and high priced pigments which have been thoroughly tested for outdoor plastic sign application. Because of the experience on test racks since 1947, many large national advertisers have approved our FADE RESISTANT line for coating their plastic outdoor signs.

GRIP-FLEX is manufactured in three different forms, in both REGULAR and FADE RESISTANT colors: Silk Screening, Spraying and Brushing. Each material has the same resin base but varies in pigment concentration, as well as type and amount of solvent best adapted to the particular method of application.

MODERN  
PLEXIGLAS

## GRIP-FLEX

### REGULAR COATINGS

For Indoor Signs and Novelties

#### SILK-SCREENING

No.	Color	5-Gallon	Gallon	Quart
19-100	WHITE	\$ 8.65	\$ 8.75	\$2.30
19-210	CLEAR	11.90	12.00	3.20
19-300	MED. YELLOW	9.90	10.00	2.60
19-301	LEMON YELLOW	10.40	10.50	2.70
19-303	ORANGE	12.40	12.50	3.20
19-400	BLUE	8.90	9.00	2.35
19-401	ROYAL BLUE	9.40	9.50	2.45
19-502	DARK RED	9.90	10.00	2.60
19-504	FLAMING RED	10.40	10.50	2.70
19-703	GREEN	9.40	9.50	2.45
19-900	BLACK	9.15	9.25	2.40

#### SPRAYING

No.	Color	5-Gallon	Gallon	Quart
20-100	WHITE	6.40	6.50	1.70
20-200	CLEAR	5.70	5.80	1.60
20-300	MED. YELLOW	7.90	8.00	2.10
20-301	LEMON YELLOW	7.90	8.00	2.10
20-303	ORANGE	9.90	10.00	2.60
20-400	BLUE	6.90	7.00	1.85
20-401	ROYAL BLUE	6.90	7.00	1.85
20-502	DARK RED	7.40	7.50	1.95
20-504	FLAMING RED	7.90	8.00	2.10
20-703	GREEN	7.40	7.50	1.95
20-900	BLACK	7.40	7.50	1.95

5 Gal.    Gallon    Qt.

Grip-Flex Remover.....	2.00	2.10	.70
Grip-Flex Retarder.....	7.90	8.00	2.10
Grip-Flex Thinner--For Screening and Brushing.	7.10	7.20	1.90
Grip-Flex Thinner--For Spraying.....	2.00	2.10	.70
Grip-Flex Cleaner.....	1.55	1.65	.55

#### "BOOTH STRIP" SPRAY COATING

A sprayable and stripable coating for spray booths. Thins with water and offers a heavy protective clear film.

PRICES: Quart - \$1.95    Gallon - \$5.50

5 Gallons - \$4.75

55 Gallons - \$4.00



### FADE-RESISTANT COATINGS FOR OUTDOOR SIGNS

No.	Color	Gallon	Quart
FR-1-152	WHITE	\$10.60	\$2.85
FR-1-306	ORANGE	15.75	4.10
FR-1-320	YELLOW	14.75	3.90
FR-1-321	LT. YELLOW	16.75	4.40
FR-1-403	BLUE	16.75	4.40
FR-1-523	MAROON	28.80	7.60
FR-1-530	RED	16.75	4.40
FR-1-590	SCARLET	13.20	3.50
FR-1-720	GREEN	25.00	6.70
FR-1-900	BLACK	10.60	2.85
19-210	CLEAR	12.00	3.20

#### SPRAYING

*FR-2-152	WHITE (Conc.)	9.40	2.50
FR-2-306	ORANGE	10.40	2.75
*FR-2-320	YELLOW (Conc.)	16.50	4.25
*FR-2-321	LT. YELLOW (Conc.)	19.80	5.10
FR-2-403	BLUE	10.40	2.75
FR-2-523	MAROON	16.00	4.10
FR-2-530	RED	9.40	2.50
FR-2-590	SCARLET	9.40	2.50
FR-2-720	GREEN	12.90	3.35
FR-2-900	BLACK	7.40	1.95
20-200	CLEAR	5.80	1.60

### SPRAY-LAT

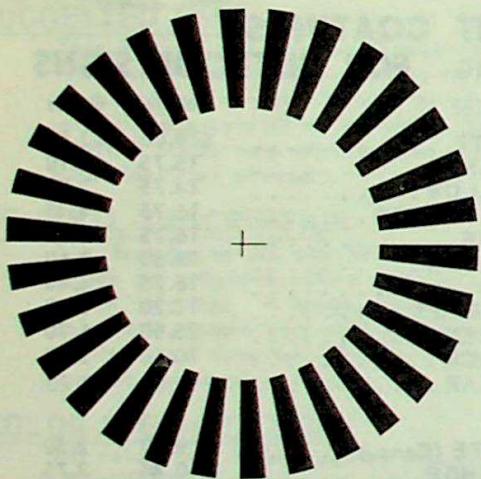
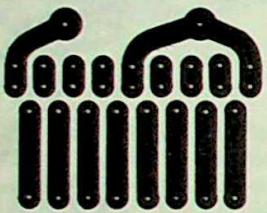
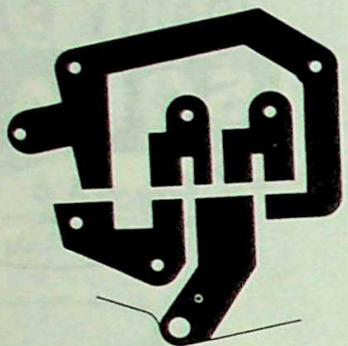
#### SIGN STRIP COATING

A water soluble coating for brushing and spraying strips in a tough continuous film after design is cut.

Quart - \$2.75    2-4 Gallons - \$8.00  
Gallon - \$8.25    5 Gal. Container - \$7.50  
55 Gal. Drum - \$6.75 per gal.



# Printed Circuits



Constant search for automation and higher production inspired the development of printed circuits.

Early attempts by industry and processors consisted of application of metallic elements heavily loaded in a minimum of binder solids.

Dusting technique of these conductive elements also were employed. Because the vehicle offered resistance to the flow of electrical current these methods are more favorably used today only by manufacturers of resistors and condensers.

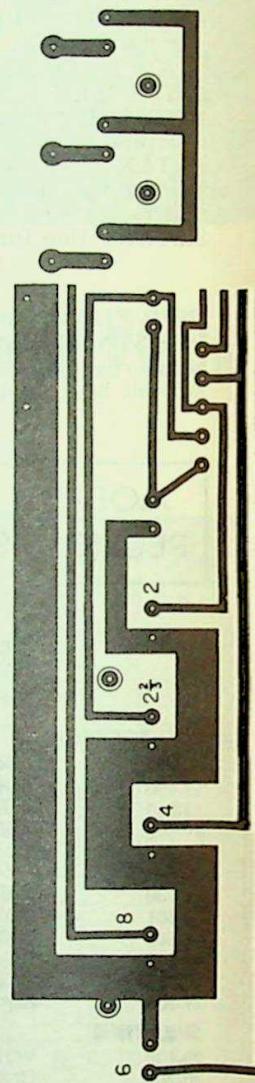
In 1948 several large radio and television manufacturers developed Screen Process printed circuits based on plating or etching of basic metal conductors.

Readily this idea created tremendous industrial approval. The impact for screen process printing was immediate; for by no other method could rigid materials (sometimes not too flat) be handled and printed with resists to produce sharp prints of extremely high build up sharpness and durability.

ADVANCE PROCESS SUPPLY COMPANY, INC., quick to recognize the gigantic possibilities of an entirely new phase for Screen Process developed expressly for printed circuits:

1. Standard and special meshes for screens.
2. Screens for printing up to 100,000 sharp impressions.
3. Squeegees to maintain sharp edges longer.
4. A line of resists for every possible method.
5. Equipment for printing and drying - standard, and special.

TODAY SCREEN PROCESS IS THE ACCEPTED PRODUCTION METHOD FOR ALL PRINTED CIRCUITS... LOOK TO ADVANCE FOR PRINTED CIRCUIT SCREEN PROCESS REQUIREMENTS - ALSO FOR TECHNICAL INFORMATION.



## PLATING RESIST LACQUER R-918-43

Plating Resist Lacquer # 918 is very popular for most Copper Sulphate plating solutions. This product resists the bath and yet will strip off very well in Alkali or Vapor degreasing tanks.

Readily identified by its new light blue characteristic color, this resist prints continuously and deposits a very sharp durable resist coating. Finest lines can be screened without clogging in the meshes.

Resist # 918 is non-pinholing and dries within 1 hour in air and about 30-45 seconds in Infra-Red heat.

Plating Resist Lacquer # 918 produces a very high quality film which is tough and flexible.

Quart  
\$2.95

Gallon  
\$8.75

5 Gallons  
\$8.50 per gal.

Quart  
\$2.50

Gallon  
\$8.20

5 Gallons  
\$7.95

## SOLDER RESIST COATING R-686-4

A heat curing type resinous compound for sharp screen coating over coppered and phenolic surfaces.

This dries to a clear smooth transparent identifiable b film. Drying is quite rapid without the use of Catal additives. Solder Resist Coating # 686 is supplied in a solids ready-to-screen consistency and will not clog in XX, 12XX and 14XX meshes normally recommended for this coating operation. Washup with Zylol or any Lacquer Washup.

Slow drying formulations can also be supplied for special applications.

R-686 Resist will withstand up to 500° temperatures for at least 5 seconds.

Solder will never cling to this superior coating.



# ADVANCE PROCESS SUPPLY CO., INC.

CHICAGO 12, ILLINOIS U.S.A.

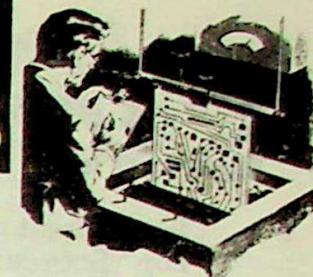
# COATING and RESISTS for ELECTRONICS

The continuing growth of the electronics industry has required many specialized screen printing compounds of tested accuracy. Because of the various methods employed it has become necessary to evaluate many of the variables as to printing speeds, type of mesh and screens used, solutions used in plating or etching, amount of acidic content (Baume), method of removal, drying temperatures and time, etc.

The two most common methods of mass producing printed circuits are:

## PLATED METHOD

- A. Screen printing of sharp printing resist to phenolic laminate or other base material.
- B. Deposition of circuit design in unexposed areas.
- C. Removal of resist in Trichloroethylene Vapor degreasing tank (or other methods).
- D. Drying and subsequent operations.



## ETCHING METHOD

- A. Screen printing resist according to accurately prepared drawing and screen upon Copper Clad Phenolic insulated panel board.
- B. Immerse Screen Printed Laminate into 42° Baume Ferric Chloride etchant until exposed Copper has been etched away.
- C. Removal of resist in Trichloroethylene Vapor degreasing tank.
- D. Drying and subsequent operations.

## ACID ETCH RESIST No. R-94-S

This very popular compound is used extensively for resisting all acids, even strong nitric types.

A fortified Asphaltum type Resist for sharp Screen Printing of all metals, as Aluminum, Brass, Copper, Stainless Steel, etc.

Black in color resist R-94-S - Screens very sharply through finest mesh silks, metal mesh, nylon and dacron. It will not clog in screen due to extremely fine milling operations. Thin R-94-S Resist with T-460 or mild spirit thinner. As this Resist Compound does not dry hard, removal with mild solvents is very effective. Washup screens and Squeegee with Mineral Spirits.

### ACID ETCH RESIST # R-94-S

Quart	Gallon	5 Gallon
\$1.85	\$6.25	\$6.00 per gal.

## UNIVERSAL No. R-511-5

A new highly resistant screening compound for printing Circuit details in solids and fine lines. Universal Resist was so named because it is highly resistant to both acids and alkalis.

Dries rapidly with heat (30 seconds). Air dries in about 2 hours. May be removed with Zylol or Aromatic Solvents and Vapor Degreasers.

Positively NO pin holes will develop in screening this resist compound.

Available in red or can be colored to suit your identification.

### UNIVERSAL # R-511-5

Quart	Gallon	5 Gallons
\$2.85	\$8.95	\$8.70 per gal.

## ADVANCE CONDUCTIVE INKS FOR POROUS BOARDS and PLASTICS

Two types are offered; one for use on porous boards and one for use on plastics. Both types are black and resistance per square inch screened through 8XX mesh is approximately 400 ohms (both types.) Resistance of either ink can be varied for special applications. A sprayed, roller coated, or screened protective coating can be used on either ink.

BOARD FORMULATION NO. EL-787. Adhesion is excellent on most porous boards; flexibility is good. Washup solvent: T-910 Thinner. For screening, thin with T-910. Air dry time, 35 minutes; forced jet dry time, 2 minutes at 250 F.

Pint - \$6.50 Quart - \$10.95 Gallon - \$35.00.  
No. T-910 Washup and Thinner. Quart - \$.65.  
Gallon - \$1.40.

THERMO-PLASTIC FORMULATION NO. EL-796. Adhesion excellent on polystyrene, acrylic, and other plastics; good on butyrate. Flexibility, excellent. After application of the ink, plastic can be formed. Washup solvent: T-902 Lacquer Thinner. For screening, thin with T-669 Thinner. Air dry time, 35 minutes; forced jet dry time, 30 seconds at 250 F.

Pint - \$7.95. Quart - \$11.90. Gallon - \$39.00.  
No. T-902 Washup, Quart - \$.80 Gallon - \$1.95.  
No. T-669 Thinner, Quart - \$1.35 Gallon - \$4.50.

MANY OTHER COATINGS, RESISTS,  
EPOXY INKS, AND EQUIPMENT ALSO  
ALSO AVAILABLE FOR PRINTED  
CIRCUIT WORK - PLEASE WRITE.

**ADVANCE PROCESS SUPPLY CO., INC.**

CHICAGO 12, ILLINOIS U.S.A.

# SCOTCHLITE

REG. U.S. PAT. OFF.  
BRAND

## TRANSPARENT COLORS

Transparent colors are especially formulated for silk screen processing on our Wide Angle Series Flat Top "SCOTCHLITE" Brand Reflective Sheeting. These colors are weather proof and exceptionally color fast. By using Transparent colors you obtain signs or emblems which are colorful by day as well as spectacular by night.

COLOR CARD AND LITERATURE AVAILABLE JUST WRITE AND ASK



"SCOTCHLITE" BRAND TRANSPARENT COLORS	SIZE	PRICE
No. 122 Brown No. 701 Red No. 705 Black (Opaque) No. 708 Green No. 709 Gold No. 710 Blue No. 721 Magenta Red No. 722 Yellow No. 706 Orange	Pints Gallons	\$ 2.15 12.85
No. 700 Finishing Clear	Gallons Quarts 12 oz. Spray Can	\$ 6.00 1.95 1.60
No. 707 Toner	Gallons Pints	10.70 1.60
No. 711 Thinner	Quarts Gallons	.95 3.20

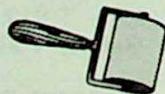
The Finishing Clear (No. 700) is used as a finishing — or top coat following the application of colors. It provides longer life and adds lustre to the sign.

The Toner (No. 707) is used to blend colors or lighten the Transparent Colors to achieve intermediate shades.

The Thinner (No. 711) is used to thin the colors for screening.

### MISCELLANEOUS ITEMS

#### NO. MM-2 RUBBER ROLLERS



For smoothing scotchlite soft, resilient rubber on hard rubber core on case hardened steel axle. Metal frame, wood handle.

No. MM-2 2" wide, 1-1/4" Diam.

\$2.50 ea.

#### PLASTIC SQUEEGEE

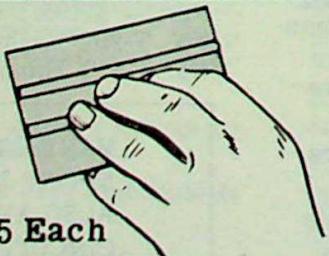
No. MM-4

For applying Scotchlite.

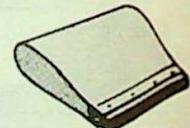
Double-edged, 3"x 4", semi-flexible.

\$ .35 Each

\$4.00 Per Doz.



#### FELT WICK APPLICATOR No. MM-6



6" wide by 4-3/4" high  
For applying finishing clear.

\$ .75 each

#### SANDBLAST FILLER



Used for hold down of sheets  
Always Tacky

Thin with Mineral Spirits

\$1.60 Qt.

\$4.60 Gal.



ADVANCE PROCESS SUPPLY CO., INC.

CHICAGO 12, ILLINOIS U.S.A.

REG. U.S. PAT. OFF.

# SCOTCHLITE

BRAND  
REFLECTIVE SHEETING



## PRESSURE SENSITIVE

MINIMUM RECOMMENDED APPLICATION TEMP. 50° TEMP. BELOW THIS USE A-3 ACTIVATOR AVAILABLE WITH ALL ORDERS ON REQUEST WITHOUT CHARGE.

NOW CONVENIENTLY PACKAGED FOR SIGN AND SCREEN PROCESS USE.

	EACH	PKGES. of 5
● 24" x 24" Sheets	\$ 5.70	\$25.65
● 24" x 5 YARD ROLLS	37.50	ask for price
● 24" x 10 YARD ROLLS	73.30	ask for price

WITH THE SPARKLING NIGHTTIME BRILLIANCE OF

## SCOTCHLITE

REFLECTIVE SHEETING

## IMPERIAL WHITE

NO. 3280	Each	Pkg. of 5
24"x24"	\$ 6.00	\$28.00
24"x5 yds.	40.05	Write
24"x10 yds.	77.15	Write

★ identify ★ protect ★ beautify

SMOOTH PLASTIC SURFACE - 170° ANGLE OF REFLECTION  
AVAILABLE IN THE FOLLOWING COLORS:

SILVER # 3270      RED # 3272

BLUE # 3275

YELLOW # 3271      GOLD # 3273

GREEN # 3277

ORANGE # 3274      GREY BLUE # 3276

## Trucks

- Reduce the danger of nighttime accidents
- Reflectorized truck emblems sell both day and night
- Easy to clean—last for years



## Plant Entrance Signs

- Quickly seen at any hour... in any weather
- Low maintenance cost
- Existing signs are easily reflectorized

## Small Business Signs

- Quickly seen day or night
- Guide traffic to your store
- Easy, inexpensive to make



## Trademarks

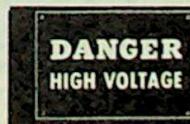
- Point-of-purchase signs and emblems with full day and night visibility —more selling power!

## Company Cars

- Reflectorized for greater safety
- Attractive, long-lasting emblems that sell a company's product right around the clock

What is "Scotchlite"  
Reflective Sheeting?

It is a sheet of tough plastic, surfaced with millions of tiny glass lenses. When the beams from a car's headlights strike these micro-lenses, they are bounced back to the driver with a clear, glarefree brilliance that is as much as 235 times brighter than white paint. No other material offers such a brilliant, failproof reflection... dependable in any weather... effective at wider angles, greater distances than any other type of reflector. A veteran of wartime service around the world, "SCOTCHLITE" Sheeting is at work on traffic signs in every state, guiding motorists, saving lives every night of the year.



PLANT SIGNING



EQUIPMENT

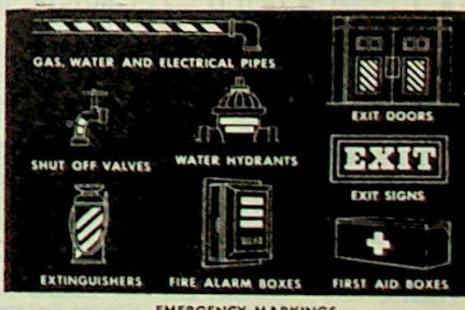


## Delivery Trucks

- Whether trucks travel at night or day, long-lasting "SCOTCHLITE" Sheeting offers economical, durable lettering, striping and trademarks

Pressure-Sensitive type  
requires no activator

"SCOTCHLITE" Sheeting is available with a pressure-sensitive adhesive. To apply, all you need do is strip off the protective paper backing and press the Sheeting into place. It's on—to stay—even in the most severe weather! No activator required!



EMERGENCY MARKINGS

ADVANCE PROCESS SUPPLY CO., INC.

CHICAGO 12, ILLINOIS U.S.A.

# Gold Bronze and Metallics

Choice of the proper vehicle and appropriate thinner for use with metallic powders is most important for perfect adhesion and brilliance.

Advance clear vinyls acetate and butyrate lacquers are most appropriate as metallic bases. Wet powder with recommended thinners until a heavy paste is obtained. Add the clear base and mix well.

We have selected the following tried and proven lining powders as the best available. 3-4 pounds of bronze to the finished gallon will cover well. The silver should be mixed approximately 1 to 1-1/2 pounds per gallon. Use 10xx - 12xx - or 14xx mesh SCREEN FABRICS. ADVANCE METALLIC POWDERS are extremely fine and will not clog the screen if used as directed.

## BRONZE and METALLIC POWDERS FINEST LINING GRADE

COLOR	PRICE PER POUND			
	1 LB	5 LBS	10 LBS	25 LBS
PB-60 Pale Gold	\$2.15	\$1.98	\$1.87	\$1.70
PB-61 Rich Gold	2.15	1.98	1.87	1.70
PB-62 Copper	2.30	2.15	2.05	1.87
PB-63 Silver	2.15	1.98	1.87	1.70
PB-64 Lemon Gold	2.30	2.15	2.05	1.87
PB-65 Pale Gold (Exec.)	2.80	2.65	2.55	2.35
PB-67 Karat Gold	2.80	2.65	2.55	2.35
PB-68 Executive Rich Gold	2.80	2.65	2.55	2.35
PB-69 Deep Orange Gold	2.80	2.65	2.55	2.35
PB-66 Pale Gold	2.15	1.98	1.87	1.70

## BRONZE and METALLIC BASES

Base	Use Thinner	Type Product	Quarts	Gallon
QD-78	T-900	Ethocel	\$1.50	\$4.95
# 444	T-125	Oil	1.70	5.75
PVG78	T-926	Vinyl	2.60	8.35
LG78	T-904	Lacquer	1.95	5.90
CG78	T-958	Acetate	3.05	10.90
ACG78	T-910	Acrylic	3.05	10.90
BUT78	T-917	Butyrate	2.25	8.50

We will manufacture special ready-to-use screen metallic bases. Specify type of material to be printed. \$.25 less per gallon in 5 gallon container.

## Stabilized Ready-Mixed Metallics



### GOLD - SILVER AND BRILLIANT COLORS

ADVANCE can by new techniques suspend metallic pigments, stabilized in practically every vehicle. Samples of material and stock to be printed would be helpful. Years of formulating experience have assisted in producing permanent, brilliant and high coverage metallic coatings.

Specify color of metallic and vehicle desired.

### STANDARD READY-MIXED METALLICS PRICE LIST

PRODUCT CODE NO.	METALLIC COLOR	OIL BASE CODE # 444		CRYSTAL BASE CODE # QD		LACQUER BASE CODE # LW		ACRYLIC BASE CODE # ACR		VINYL BASE CODE # PV		ACETATE BASE CODE # C	
		QT.	GAL.	QT.	GAL.	QT.	GAL.	QT.	GAL.	QT.	GAL.	QT.	GAL.
RM-60 - #	PALE GOLD	\$5.50	\$14.75	\$5.00	\$14.25	\$5.60	\$14.90	\$6.25	\$19.65	\$5.95	\$18.10	\$6.25	\$19.65
RM-61 - #	RICH GOLD	5.50	14.75	5.00	14.25	5.60	14.90	6.25	19.65	5.95	18.10	6.25	19.65
RM-62 - #	COPPER	5.50	14.75	5.00	14.25	5.60	14.90	6.25	19.65	5.95	18.10	6.25	19.65
RM-63 - #	SILVER	5.50	14.75	5.00	14.25	5.60	14.90	6.25	19.65	5.95	18.10	6.25	19.65
RM-64 - #	LEMON GOLD	5.50	14.75	5.00	14.25	5.60	14.90	6.25	19.65	5.95	18.10	6.25	19.65
RM-65 - #	EXECUTIVE PALE GOLD	5.75	15.00	5.25	14.50	5.85	15.15	6.50	19.90	6.20	18.35	6.50	19.90
RM-66 - #	RICH PALE GOLD	5.75	15.00	5.25	14.50	5.85	15.15	6.50	19.90	6.20	18.35	6.50	19.90
RM-67 - #	KARAT GOLD	5.75	15.00	5.25	14.50	5.85	15.15	6.50	19.90	6.20	18.35	6.50	19.90
RM-68 - #	EXECUTIVE RICH GOLD	5.75	15.00	5.25	14.50	5.85	15.15	6.50	19.90	6.20	18.35	6.50	19.90
RM-69 - #	DEEP ORANGE	5.75	15.00	5.25	14.50	5.85	15.15	6.50	19.90	6.20	18.35	6.50	19.90

SPECIFY PRODUCT CODE # AND BASE CODE # WHEN ORDERING

ULTRA BRILLIANT PLASTIC METALLIC BASE  
PAB-780

For general plastics use and even for those expensive paper and board job this super brilliant gold base outshines them all. PAB-78 specifically was designed for Polystyrene, Butyrate and Acrylic plastic adhesion. Mixes readily for quick use. Excellent flow and outdoor film durability.

Qt. \$2.70 Gal. \$8.50

JET-DRY METALLIC BASE  
JET-780

Here's a newly developed gold metallic base with the following real unusual qualities. Extremely good adhesion to paper and cardboard. Excellent for scuff resistance. Unusual brilliance and unlimited stabilization in ready-mixed form. Prints sharp. Use less metallic pigment with this base. Just try it once.

Qt. \$1.45 Gal. \$4.40



ADVANCE PROCESS SUPPLY CO., INC.  
CHICAGO 12, ILLINOIS U.S.A.

# SCREENING ADHESIVES



ALL ARE CLEAR BASES

## FLOCK ADHESIVES No.8080L

A "Ready-to-Screen" flexible synthetic type free flowing adhesive, used extensively for adhering flock to paper, cardboard, wood and metal. Will not penetrate paper stock. It dries by oxidation in approximately six hours. Use any type screen for printing.

Quart	Gallon	5 Gal.
\$1.75	\$5.70	\$5.45

## FLOCK ADHESIVES No.8080H

Made from same resins as #8080L except for very heavy body consistency. Ideal for hand and press application. Also excellent as a mounting adhesive. Will not wrinkle thinnest sheets.

Quart	Gallon	5 Gal.
\$1.90	\$6.10	\$5.85

## ALUMINUM BEAD AND TINSEL BASE No.8115

A new flexible super adhesive for large heavy materials. Adhesive Base # 8115 adheres flock to aluminum and stainless steel. It is also ideal for adhering non-tarnishing aluminum and plastic decorative materials. Four hours dry and prints sharply with any type water soluble lacquer proof screen.

Quart	Gallon	5 Gal.
\$1.85	\$6.45	\$6.20

## SYNTHETIC MOUNTING ADHESIVE No.8880

A very popular laminating adhesive to be applied by screen process or roller coating. Practically no penetration into most absorbent stock. Will not wrinkle thinnest paper. Thins with T-460 for silk screen use.

Quart	Gallon	5 Gal.
\$1.95	\$6.20	\$5.95

## Color Matching Service

Advance is a basic color manufacturer....and as such, we feel that color matching for our customers is a basic part of our service to you.

We have standardized on a very nominal charge for pints, quarts, and gallon quantities of any screen process color matched by our technicians. In larger quantities, no charge is made for color matching. Special formulating and modifications of our standard product lines will be cheerfully manufactured upon your request - ask for quote on this service. Just try us and you'll agree with the many processors that Advance can be your prime color source.

## WATER SOLUBLE SILK SCREEN FLOCK ADHESIVE No.A-55

A special adhesive for use in Silk Screen process. Can be used safely for flocking greeting cards, signs, etc. Will not buckle paper stock. Thin and washup with water.

Quart	Gallon	5 Gal.
\$1.10	\$3.40	\$3.15

## VINYL FLOCK ADHESIVES No.PV-893

For permanent adhesion of decorative materials to rigid and flexible Vinyls # PV-893 is ideal. Formulated after years of experience this adhesive welds into Vinyl plastic. Use Vinyl Thinner # T-926 for reducing body and Washup # T-903 for cleaning. Water soluble screens only can be used with this product.

Quart	Gallon	5 Gal.
\$2.20	\$7.75	\$7.50

## POLYSTYRENE FLOCK, BEAD, TINSEL, and SPANGLE ADHESIVE No.8222

The plastics industry have really acclaimed this revolutionary adhesive. It can be silk screened directly on Polystyrene. Permanent adhesion when dry. Errors in printing can be washed with any mild spirit thinner without marring the finish.

Quart	Gallon	5 Gal.
\$1.85	\$6.45	\$6.20

## COLORED ADHESIVES

Proper coloring of above adhesives to match flock is very important. Colors must be clean and bright to produce brilliant effects. Specify color of background and material to which the adhesive is to be applied. If possible, send samples when ordering.

We can formulate special adhesives and sizes for any requirement.

# screen process

## APSCO "LACOTE" SOLUTION

This solution is the ideal coating for glass positives. Brush or flow on emulsion side and let dry for 1/2 hour then wax.

LACOTE SOLUTION # L-529

Quart	1.75
Gallon	5.50

## APSCO "WAXCOTE" SOLUTION

Apply this liquid wax to glass positive after it has been lacquered. Let dry and rub to a gloss. This product is very simple to use and permits the photo film to strip easily from the positive.

WAXCOTE SOLUTION # LW-391

Quart \$1.75	Gallon \$5.50
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## ISOPROPYL ALCOHOL

Used for mixing with chromate sensitizers on photo film.

Quart....\$ .75	Gallon....\$1.95
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## VINYL CLEAR COAT V-508

A clear coating for positives which dries rapidly to a very flexible film. Adheres very well to all acetate films. Requires no waxing.

Quart....\$2.50	Gallon....\$8.95
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## POTASSIUM BICHROMATE

Used in preparation of sensitizing solutions for photo screen.

POTASSIUM BICHROMATE # DP-239	
1 pound \$ .85	25 pounds \$8.75
5 pounds \$3.50	

## AMMONIUM BICHROMATE

Can be used as sensitizer for photo screens. More sensitive than potassium bichromate.

AMMONIUM BICHROMATE # DA-245	
1 pound \$1.10	25 pounds \$17.50
5 pounds \$5.10	

## GLYCERINE

For use in photo screen plasticizing preparations. A little on the finger tip will facilitate handling of paper stock.

GLYCERINE # CG-432

Pint	\$1.50
Quart	2.25
Gallon	7.50

## SHELLAC

Pure gum shellac in alcohol. Full strength.

Orange	
# CS-488 - Qt. \$1.35	- Gal. \$4.50
White	
# CS-499 - Qt. \$1.50	- Gal. \$4.95

# Chemicals and Compounds

## Anti-Skin No. AS-156

A few drops # AS-156 upon any oxidation type color prevents formation of a hard insoluble crust.

Pint.....\$ .95	Quart.....\$1.50	Gallon.....\$5.25
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## Cobalt Drier No. P-145

A mixed metallic type drier for hastening the drying time for all oxidation type poster and enamel colors. Use 2oz per gallon.

Pint.....\$1.10	Quart.....\$1.65	Gallon.....\$5.80
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## HYDROCHLORIC (HCL)

(10 per cent Concentration)

This product reduced with water forms best neutralizer for enzyme carbon tissue removers. Leaves the silk receptive for photographic film reuse.

Price \$1.55 quart	\$3.75 gallon
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## HYDROGEN PEROXIDE (H<sub>2</sub>O<sub>2</sub>)

A very strong concentration (Approx. 20 per cent). Removes old direct method coatings of P.V.A. emulsions.

Price - \$2.40 quart	\$8.50 gallon	5 gallons \$39.50
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## TALCUM POWDER No. 67

For dusting on talcum surfaces to produce slip.

Price	1# \$ .75
	5# .60
	10# .50 per. lb.

## FLATTENING MIST #83

A very finely divided efficient inert powder. Just wet with ink solvent and mix to paste consistency. This paste now can be used to flatten ink and paint without changing the color.

1 lb. - \$1.75
5 lbs. - \$1.50
10 lbs. - \$1.40 Per Lb.

## ACETIC ACID (28%)

Short stop in negative development and many other uses.

ACETIC ACID # CT-193

Pint	\$ .90
Quart	1.50
Gallon	3.50

99 percent Glacial Acetic Acid \$4.95 gal.
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## CARBON TETRACHLORIDE

An excellent non-inflammable solvent. Used for positives and negatives and many other cleaning needs.

CARBON TETRACHLORIDE # T-621
Quart \$1.35
Gallon 4.50



**PROCESS SUPPLY CO., INC.**

CHICAGO 12, ILLINOIS U.S.A.

# CHEMICALS AND COMPOUNDS

## TEX-TAC TW-711

### The Perfect Quick Drying Print Table Adhesive

Holds securely all fabrics, plastics and paper stock to be printed to insure clean, sharp prints in perfect register. Excellent as stay-flat film holder for photo use. One coating, applied with brush or card, can be used for months. To renew, surface can be washed with water to remove lint and dirt without impairing TEX-TAC Coating. Thin TEX-TAC with Acetone for reducing.

QUART \$4.85      GALLON \$16.95

## CARE No. 1 FLOW AGENT CONCENTRATE

Pint \$5.50      Quart \$8.50      Gallon \$24.95

## BUTYL CELLOSOLVE

Gallon \$3.75

## BUTYL ALCOHOL

Gallon \$3.00      5 Gallons \$2.75 per gallon

## NAPTHA (SLOW)

\$1.00 Gallon      5 Gallons \$0.75 per gallon

## VMP NAPTHA (FAST)

Quart \$0.65	Gallon \$1.40
5 Gallons \$1.25 per gallon	

## CHEMICALS And SOLVENTS in Stock

A Large Variety of Basic Solvents, Dyes and Chemicals are in stock for immediate delivery. Also ... we welcome your most technical questions on their use for your production and experimental work. We do have years of Qualified Experience as Screen Process Chemists!

## APSCO FILM REMOVER No. IDC-3

For simple removing of hardened photo screens made of "APSCO" direct films, use Apsco Film Remover #IDC-3. Brush a sufficient quantity of remover on inside and outside of film surface. Allow to stand 3-5 minutes. Run a stream of hot water on screen and film will wash away. Rinse screen well with hot water before reuse. Use on Synthetic Fabrics and Metal Mesh.

QUART \$2.25      GALLON \$8.00

Use Blockout #B-115 for all photo screens

## MINERAL SPIRITS & OLEUM

\$0.45 quart	\$0.85 gallon
5-gallon lots \$0.70 per gallon	

## XYLOL

\$0.65 quart	\$1.40 gallon
5-gallon lots \$1.25 per gallon	

## ETHYL ALCOHOL

Gallon \$2.75	5-gallons \$2.50 per gallon
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## C-772 RELEASE & BODYING AGENT

Quart \$3.65	Gallon \$12.95
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## FORMALDEHYDE

\$2.25 Quart	\$7.95 Gallon
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## GLOSS ADDITIVE No. 4040

\$1.95 quart	\$6.70 gallon
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## FIRE RETARDANT MIXING COMPOUND No. 222

A most efficient white fine powder which can be mixed dry with any grade flock to insure maximum fire protection.

### PER POUND PRICES

1 lb.	5 lbs.	10 lbs.	25 lbs.	50 lbs.	100 lbs.
75¢	60¢	50¢	35¢	30¢	25¢

# BEADING A SURFACE FOR reflection

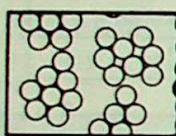
## WITH STANDARD LOW PRICED GLASS BEADS

Beads are transparent, colorless, glass spheres. It is really very simple to Bead a surface. A few inexpensive trials with small surfaces will very shortly teach even the most inexperienced the art of making highly reflective signs or surfaces.

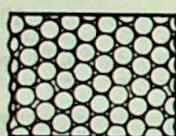
One main factor in obtaining highly reflective signs is to apply Beads side by side, one layer thick. If the Beads are more than one layer thick this hinders rather than helps their brilliance.

Clean the base thoroughly. Apply a primer coat if necessary. Complete the color layer in the normal way, in as many well-chosen colors as desired. Next apply a spacer clear coat to separate the color layer and the Beads for proper focus. Apply the adhesive layer in a thin coat. While this layer is still tacky, apply the Beads by hand, by duster, or by a pressure type paint spray gun.

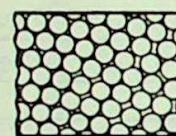
Some important uses for reflective Beads: signs, decalcomanias, highway markers, interior decorating, greeting cards, rain coats and helmets, truck and bus ads, railroad box car lettering, etc.



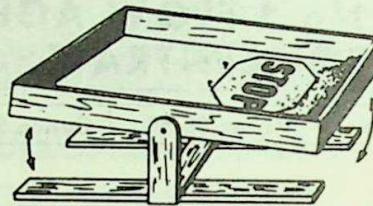
Too wet



Proper tack point



Too dry



DEVICE FOR  
CASCAADING  
SIGN BEADS



Simply constructed Bead Applicator. Tray tilts both ways to 45° angle. Beads flow across sign.

**APPLYING GLASS BEADS** - Do not apply the glass beads to the binder until the binder has had time to settle and become tacky. The Beads may be applied to the Binder by sprinkling or sifting over the wet Binder. The surfaces to be reflectorized should be completely covered and the excess shaken off. The Beads should embed themselves to a depth of about one half their diameter.

If the Binder has been properly applied, the reflective surface will present a uniform appearance. Until experience has been gained, the beaded surface should be inspected with a magnifying glass to determine if the beads are properly seated. (A good rule is to make several small test panels to determine the proper film thickness and the setting time of the Binder.) If the Binder is too wet it will cover the beads: if too dry, the Beads will not become sufficiently embedded. Glass Beads are easier to apply if they are warmed to a temperature of 80° to 90° Fahrenheit, prior to application.

## Standard GLASS BEADS

Size	1 lb.	5 lbs.	10 lbs.	25 lbs.	100 lbs.	Coverage Per Square Foot
# 6 Coarse	\$ .80	\$ .70	\$ .50	\$ .40	\$ .38	1-1/2 oz.
# 8 Medium	.80	.70	.50	.40	.38	1-1/8 oz.
# 10 Fine	.80	.70	.50	.40	.38	7/8 oz.
# 13 Extra Fine	.80	.70	.50	.40	.38	1/2 oz.
# 18 Super Fine	.90	.80	.60	.50	.48	3/8 oz.

## Transparent Reflective PERMANENT BEAD ADHESIVE (CLEAR AND COLORED)

MADE PRIMARILY FOR MAXIMUM PERMANENCY - ADHERES WELL TO ALL SURFACES INCLUDING ALUMINUM.

CAT. NO.	COLOR	QUART	GALLON	5-GALLON
PTR-209	Yellow	\$ 5.55	\$16.50	\$16.25
PTR-265	Orange	5.95	17.50	17.25
PTR-305	Green	5.95	17.50	17.25
PTR-405	Blue	5.55	16.50	16.25
PTR-488	Violet	5.95	17.50	17.25
PTR-522	Red Y	5.95	17.50	17.25
PTR-541	Red B	5.95	17.50	17.25
PTR-780	Clear	3.00	9.95	9.70
T-515	Thinner	1.35	4.50	4.35
T-520	Washup	.90	2.45	2.30
T-555	Retarder	1.35	4.50	4.35

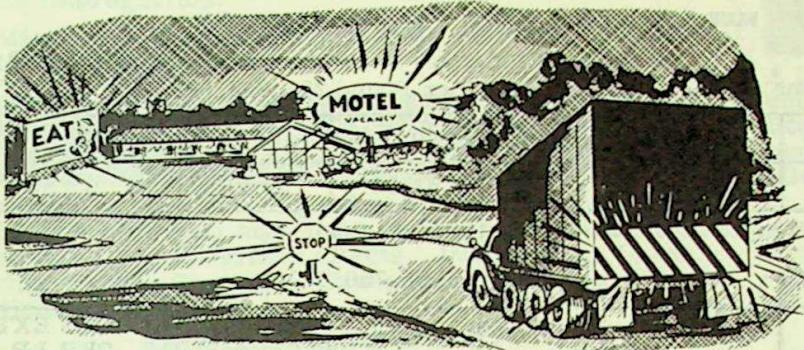
Other Colors Also Available



**ADVANCE** PROCESS SUPPLY CO., INC.

CHICAGO 12, ILLINOIS U.S.A.

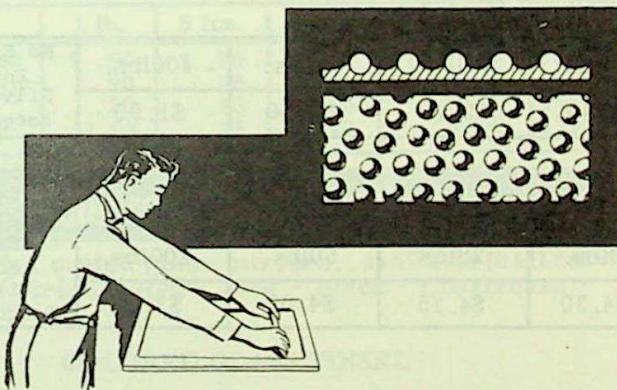
# SUPER BRILLIANT REFLECTIVE



Super Brilliant Beads are the finest quality optical glass spheres obtainable. They have an extra high refractive index and resistance to surface etching from atmospheric conditions or paint film components. They are ideal for outdoor sign reflectorization because they maintain their brilliance in wet weather.

## PROPER APPLICATION FOR MAXIMUM REFLECTION

This greatly enlarged view and cross section shows a correct Super Brilliant Bead application for an even, high intensity reflectorization at a wide angle. Note that the Super Brilliant Beads should be imbedded to one-half their diameter - not submerged in adhesive. Remember that each Super Brilliant Bead is a focusing lens and the background is the reflecting medium.



**Silk Screening** - After positioning the sign, lower the screen and apply the adhesive at the edge from which the squeegee will start. Little or no thinning of the pigmented adhesive should be necessary. Use a firm, even pressure to force the adhesive through the screen - two passes are usually sufficient. Sift the Super Brilliant Beads over the screened areas as above, dump the excess and dry. Use water soluble cut or photo screens applied to coarse meshes from 8-10 Silk, Nylon or Metal.

SUPER BRILLIANT REFLECTIVE BEADS ARE NOT TO BE CONFUSED WITH ORDINARY GLASS BEADS. IF PROPERLY APPLIED THIS PRODUCT WILL PRODUCE A DISPLAY OF SUPER HIGH REFLECTION.

## WIDE ANGLE BEADS

### CHECK THESE POINTS FOR PROPER SUPER BRILLIANT REFLECTION:

- ① Control the thickness of your Binder so as to avoid burying the Beads. If the beads become buried, they are no longer reflective. Use as little thinner as possible, keeping the Binder as heavy as your equipment will efficiently handle.
- ② Sift the Beads onto the wet Binder. Allow sufficient time for the Binder to flow out properly so that it has a smooth surface, but do not wait for it to become tacky. The idea is to imbed the Bead part way into the Binder and allow the capillary action of the wet Binder to crawl up the sides of the Beads and hold them firmly. If the Beads do not adhere properly, it means the Binder became too dry before the Beads were applied, and they did not imbed themselves sufficiently.
- ③ Check your first trial with a flashlight at a distance of approximately twenty feet holding the flashlight at eye level. If the reflection is not uniform and shows dark spots, determine whether you are burying the Beads in the wet Binder.
- ④ Beads applied to colored Binders have wider angle reflectance than those applied to the Clear (transparent) Binders.
- ⑤ Sifting the Beads through a sieve (or a piece of silk screen stretched on a frame) from a height of approximately two feet over the sign permits the operator to "starve on" the Beads so that the sign is completely, but not excessively, covered. Remember, too many Beads are as harmful as too few, since a Bead stuck on top of a Bead will mis-direct the light and be non-reflective.
- ⑥ The Beads are actually tiny lenses which focus the light against the background and then re-direct the light back to the viewer. Therefore, if you are not at the source of the light, you will notice no effect.

THESE BEADS ARE LIGHTER IN WEIGHT THAN STANDARD BEADS

Cat. No.	1#	5#	10#	25#	50#	100#
SB-800	\$3.50	\$3.25	\$2.95	\$2.80	\$2.65	\$2.50
SB-1200	3.50	3.25	2.95	2.80	2.65	2.50
SB-1700	3.50	3.25	2.95	2.80	2.65	2.50

Discounts in Larger Quantities

**ADVANCE PROCESS SUPPLY CO., INC.**  
CHICAGO 12, ILLINOIS U.S.A.

# NON-TARNISHING ALUMINUM TINSEL

All prices below are for silver only. Colors available are -

COPPER - BABY BLUE - RED - GREEN - GOLD - BLUE - CHARTREUSE - AQUA - PINK - CERISE

## SILVER

## COLORS

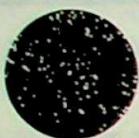
SQUARES 1/2 - MICRO - Thickness .0008 - Dimensions .0075 x .0075 - Pieces per Pound 226,992,000



QUANTITY	1lb.	5lbs.	10lbs.	25lbs.	50lbs.	100lbs.	COLORS EXT PER LB.
PRICE	\$3.70	\$3.35	\$3.00	\$2.70	\$2.50	\$2.25	\$ .55

Above Also Is Made In 1/4" Micro Size Add 60¢ per lb. Additional

SQUARES MICRO - Thickness .0008 - Dimensions .015 x .015 - Pieces per Pound 56,750,000



QUANTITY	1lb.	5lbs.	10lbs.	25lbs.	50lbs.	100lbs.	COLORS EXT PER LB.
PRICE	\$2.95	\$2.55	\$2.25	\$1.95	\$1.80	\$1.65	\$ .55

SQUARES - Thickness .002 - Dimensions .025 x .025 - Pieces per Pound 8,195,000

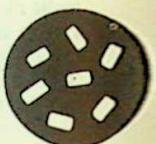
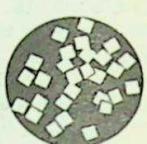
SQUARES - Thickness .002 - Dimensions .035 x .035 - Pieces per Pound 4,175,000

SQUARES 1/16" - Thickness .002 - Dimensions .062 x .062 - Pieces per Pound 1,310,000

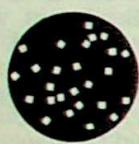
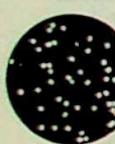
SQUARES 1/8" - Thickness .002 - Dimensions .125 x .125 - Pieces per Pound 327,750

RECTANGULAR - Thickness .002 - Dimensions 1/16" x 3/32" - Pieces per Pound 888,000

Also Other Sizes



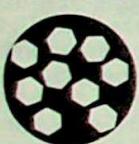
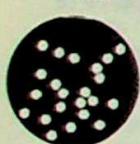
QUANTITY	1lb.	5lbs.	10lbs.	25lbs.	50lbs.	100lbs.	COLORS EXT PER LB.
PRICE	\$2.50	\$2.00	\$1.75	\$1.55	\$1.40	\$1.30	\$ .40



HEXAGONS - Thickness .002 - Dimensions .048 - Pieces per Pound 1,888,000

HEXAGONS - Thickness .002 - Dimensions .125 - Pieces per Pound 327,000

Also Other Sizes



QUANTITY	1lb.	5lbs.	10lbs.	25lbs.	50lbs.	100lbs.	No Extra Charge For Colors Silver is Lacquer Coated
PRICE	\$2.95	\$2.55	\$2.30	\$2.15	\$2.00	\$1.90	No Extra Charge For Colors Silver is Lacquer Coated

STAPLES Straight .020 x half inch - Thickness .002



QUANTITY	1lb.	5lbs.	10lbs.	25lbs.	50lbs.	100lbs.	No Extra Charge For Colors Silver is Lacquer Coated
PRICE	\$4.95	\$4.55	\$4.30	\$4.15	\$4.00	\$3.90	No Extra Charge For Colors Silver is Lacquer Coated

Any Length or Width Available

Also available crimped

STARS - Thickness .002 - Dimensions 3/16" - Pieces per Pound 382,500

Also Other Sizes



QUANTITY	1lb.	5lbs.	10lbs.	25lbs.	50lbs.	100lbs.	No Extra Charge For Colors Silver is Lacquer Coated
PRICE	\$5.25	\$4.85	\$4.60	\$4.25	\$3.95	\$3.75	No Extra Charge For Colors Silver is Lacquer Coated

RANDOM CUT SPECIAL GRADE TWO SIZES - APPROXIMATELY 1/16" OR 1/8" (Specify)

Also Other Sizes

QUANTITY	1lb.	5lbs.	10lbs.	25lbs.	50lbs.	100lbs.	COLORS EXTR PER LB.
PRICE	\$2.25	\$1.75	\$1.50	\$1.25	\$1.15	\$1.05	\$ .20

All above items also available in multi-color.

Add 40 cents more per pound for "Heat Resistant".

Straight or crimped Staples made to your specifications.

Specify Sizes,  
Thickness  
and Color  
When Ordering

Most other materials such as Acetate, Mylar, Copper and Laminate in various thickness can be cut into above sizes. We welcome your inquiries to quote on your specific requirements. WE ARE BASIC - We Stock All Above Items

Specify Sizes,  
Thickness  
and Color  
When Ordering



**ADVANCE PROCESS SUPPLY CO., INC.**

CHICAGO 12, ILLINOIS U.S.A.

# DECORATIVE APPLIQUE MATERIALS

dvance is the largest basic source for all types decorative materials.. for application to wet adhesives.. and for plastic impregnation.

We offer an unlimited array of sizes.. colors.. and materials. The following are some of the most popular:

## Diamond Dust

a. clear gloss transparent product shipped in many sizes. Produces a glittering high light reflection. Can also be mixed with flock for glitter effects. Used on Sign Cards, Greeting Cards, Christmas Trees and Novelties and Decorations.

### REGULAR DIAMOND DUST

Size	1lb.	5lbs.	10lbs.	25lbs.	50lbs.	125lbs.
# 20 Coarse	\$ .70	\$ .55	\$ .50	\$ .45	\$ .40	\$ .38
# 30 Medium	.70	.55	.50	.45	.40	.38
# 40 Fine	.70	.55	.50	.45	.40	.38
# 50 Extra Fine	.70	.55	.50	.45	.40	.38

EXTRA THIN DIAMOND DUST						
DD-45EF	.85	.70	.65	.63	.60	.58
DD-50EF	.85	.70	.65	.63	.60	.58

## Silver Glass Tinsel

Brilliant and highly reflective triple plated glass mirrors. An old standby for inexpensive signs and decorations.

### SILVER GLASS TINSEL

Size	1 lb.	5 lbs.	10 lbs.	25 lbs.	125 lbs.
# 20 Coarse	\$ .90	\$ .85	\$ .80	\$ .75	\$ .65
# 30 Medium	.90	.85	.80	.75	.65
# 40 Fine	.90	.85	.80	.75	.65
# 50 Extra Fine	1.00	.95	.90	.85	.75

## Colored Glass Tinsel

Brilliantly dye coated glass mirrors.. available in all colors - Gold - Green - Red - Blue - Black - Chartreuse - Purple.

### COLORED GLASS TINSEL

Size	1lb.	5lbs.	10lbs.	25lbs.	125lbs.
20 Coarse	\$1.00	\$ .90	\$ .85	\$ .80	\$ .70
30 Medium	1.00	.90	.85	.80	.70
40 Fine	1.00	.90	.85	.80	.70
50 Extra Fine	1.10	1.00	.95	.90	.80

## Cellophane Squares

These cellophane squares are made of clear .025 and .015 acetate. After being sprinkled onto other colors, the colors will show through. They can also be used to give a shiny, snow-like effect. CLEAR ONLY

Thickness	Type	1-9 Lbs.	10-24 Lbs.	25-49 Lbs.	50-99 Lbs.	100 Lbs.
.025-1	Precision	\$1.25	\$1.15	\$1.05	\$ .95	\$ .85
.025-2	Non-Precision	1.05	.95	.85	.75	.65
.015-1	Precision	1.45	1.35	1.25	1.15	1.05
.015-2	Non-Precision	1.20	1.10	1.00	.90	.80

## Cellophane Spangles

A light weight lustrous sparkle now available in the finest uniform quality grade.. white and colors. Also in production is an economy grade white where price is an important factor. Can be mixed with flock and other tinsels for effect.

### CELLOPHANE SPANGLES

	1-9#	10-24#	25-49#	50-99#	100#
White	\$1.20	\$ .95	\$ .80	\$ .75	\$ .70
Colors	1.35	1.10	.95	.90	.85

Available in: White - Blue - Orange - Green - Black - Yellow - Red - Gold.

## Mica Flakes, Pearl White

A pure mica product non-inflammable and lightweight. Excellent as an extender for flock.. mother of pearl and tinsels. Used extensively for Christmas Trees and Holiday decorations.

### MICA FLAKES - PEARL WHITE

Size	1#	5#	10#	25#	50#	100#	250#	500#
# 25 Medium	.50	.45	.40	.35	.20	.15	.14	.13
# 40 Large	.50	.45	.40	.35	.20	.15	.14	.13

## Mother of Pearl Flakes

Genuine mother of pearl flakes in 4 size ranges.. produced rich, beautiful effects. Also available in a complete range of pastel colors.

### MOTHER OF PEARL FLAKES

Size	1lb.	5lbs.	10lbs.	25lbs.	50lbs.
10 Ex Coarse	\$3.95	\$3.75	\$3.50	\$3.25	\$3.00
20 Coarse	3.95	3.75	3.50	3.25	3.00
30 Medium	3.95	3.75	3.50	3.25	3.00
50 Fine	3.95	3.75	3.50	3.25	3.00
80 Ex. Fine	3.95	3.75	3.50	3.25	3.00

100 pounds \$2.75 per pound

## Acetate Plastic Random Square

A very inexpensive product for unusual and permanent effects. Random product cuttings range from 1/32"-1/16" approximately. Exact duplication of sizes.. colors and quantities may vary on orders.

Colors available: Red - Gold - White - Yellow - Black - Green - Silver - Blue - Orchid - Orange.

### ACETATE PLASTIC RANDOM SQUARES

Colors	1lb.	5lbs.	10lbs.	25lbs.	50lbs.	100lbs.
All Colors And White	\$2.50	\$2.25	\$1.95	\$1.65	\$1.50	\$1.40

# RAYTEX MICRO-CUT FLOCK



**REGULAR**  
**RAYTEX**  
**STANDARD**

Micro-Cut Precision Standard  
Direct Dyed Colors Available  
in Opti-Blue White and a very  
wide range of colors.

R-100	White
R-108	Silver
R-215	Yellow
R-228	Golden Yellow
R-263	Orange
R-306	Kelly Green
R-309	Lt. Green
R-312	Ivy Green
R-357	Blue Green
R-406	Ultra Blue
R-412	Royal Blue
R-432	Lt. Blue
R-445	Navy Blue

R-480	Purple
R-501	Pink
R-522	Scarlet
R-523	Red
R-542	Red
R-564	American Beauty
R-580	Maroon
R-600	Lt. Buff
R-603	Rust
R-607	Tan
R-622	Brown
R-670	Dark Brown
R-700	Black

	1-4 lbs.	5-9 lbs.	10-24 lbs.	25-49 lbs.	50-99 lbs.	100-249 lbs.	250 lbs.
White	\$1.30	\$1.10	\$1.00	\$ .90	\$ .80	\$ .74	\$ .72
Colors	1.40	1.20	1.10	1.00	.90	.84	.82

**GLO-BRITE**  
**RAYTEX**

Micro-Cut Precision Glo-Brite Colors Available in six vibrantly clean bright colors.

RG-202	Chartreuse
RG-264	Orange
RG-333	Mint Green

RG-451	Brilliant Blue
RG-528	Tangerine
RG-561	Cerise

**COLORFAST**

**RAYTEX**

WASHFAST

Micro-Cut Precision Washfast-  
Colorfast Dyed Colors Avail-  
able in Opti-Blue White and a  
wide range of colors.

Group No.	1	C-100 White	2	C-410 Inez Blue
	1	C-154 Lt. Steel	2	C-408 Bright Blue
	1	C-203 Canary	3	C-414 Royal Blue
	1	C-206 Chartreuse	3	C-447 Navy Blue
	1	C-212 Maize	3	C-468 Fuchsia
	1	C-230 Gold	3	C-482 Purple
	3	C-265 Orange	1	C-500 Pink
	2	C-300 Mint Green	2	C-524 Scarlet
	2	C-305 Sea Green	3	C-566 American Beauty
	3	C-307 Jade Green	3	C-571 Bon Bon
	3	C-308 Kelly Green	3	C-599 Wine
	3	C-340 Deep Green	2	C-605 Rust
	2	C-390 Turquoise	3	C-625 Chocolate Brown
	2	C-400 Baby Blue	1	C-720 Jet Black

Group No.	1-4 lbs.	5-9 lbs.	10-24 lbs.	25-49 lbs.	50-99 lbs.	100-249 lbs.	250 lbs.
1	\$1.70	\$1.50	\$1.40	\$1.30	\$1.20	\$1.15	\$1.10
2	1.75	1.55	1.45	1.35	1.25	1.20	1.15
3	1.80	1.60	1.50	1.40	1.30	1.25	1.20

Electrostatic flock also available. Packed in 25# easy-to-stack cartons.

Also Special Colors matched in all quantities.

# SURE-STIK FLOCK

HIGHEST QUALITY RAYON BLEND

- FLAME RETARDANT

IT IS ONLY NECESSARY TO USE WATER IN CONJUNCTION WITH THIS MATERIAL. ADHESION TO TREES AND FOLIAGE IS EXCELLENT. THE SAVINGS ARE CONSIDERABLE.

THIS FLOCK REPRESENTS THE VERY LATEST DEVELOPMENT IN A SIMPLE ONE PACKAGE SYSTEM.

- USE ONLY WATER!

- NO ADHESIVE NECESSARY
- GOES 30 PER CENT FARTHER

THIS MIXTURE CONTAINS AN EXTREMELY HIGH PERCENTAGE OF RAYON, BALANCED WITH SPARKLE AND COTTON.

You'll save production time - eliminate waste with the "SURE-STIK" method

ITEM	1 lb.	5 lbs.	10 lbs.	25 lbs.	50 lbs.	100 lbs.		
WHITE	1.10	1.05	.95	.85	.80	.75		
PASTEL COLORS	1.20	1.10	1.05	.95	.90	.85		

STANDARD PASTEL COLORS

COLOR NO.	COLOR NAME	COLOR NO.	COLOR NAME
11	SUNBURST PINK	29	PEACOCK BLUE
18	RUBY PINK	33	AQUA
24	ICE BLUE	36	CHARTREUSE

Super White No. 100

# "King"

FLAME RETARDANT WET PROCESS

## COTTON FLOCK

"KING" COTTON is an excellent grade BLUE WHITE bleached, pure cotton flock. Super "King" Cotton has sold in large volume in past years and is considered a standard for Decorations.

Now for the first time we offer "King" Cotton in a complete range of appealing standard pastel colors, in addition to Super White Flock

All cotton absorbs adhesives and is therefore used occasionally with rayon or raylon.

All "KING" COTTON flock flows well and may be applied by flock gun or machine. This high quality product has been treated with flame retardants. This material is processed and manufactured from the finest Bleached Virgin Cotton. No fillers have been used to extend "KING" COTTON.

"KING" COTTON FLOCK (Flame Retardant)

ITEM	1 lb.	5 lbs.	10 lbs.	25 lbs.	50 lbs.	100 lbs.	
SUPER WHITE	.75	.65	.59	.49	.45	.39	
PASTEL COLORS	.85	.75	.69	.59	.55	.49	
DEEP COLORS	.95	.85	.79	.69	.65	.59	

STANDARD PASTEL COLORS AVAILABLE (Flame Retardant)

COLOR NO.	COLOR NAME	COLOR NO.	COLOR NAME	COLOR NO.	COLOR NAME
11	SUNBURST PINK	24	ICE BLUE	33	AQUA
18	RUBY PINK	29	PEACOCK BLUE	36	CHARTREUSE

## "Super Cello" FLOCK

• FLOWS WELL

• FLAME RETARDANT

• BEST NON-YELLOWING

• EXTRA WHITE GRADE

WE GUARANTEE THAT THIS PRODUCT IS WHITER, FLUFFIER AND BUILDS UP MORE THAN ANY OTHER AT THIS LOW PRICE.

LOWEST "CELLO" FLOCK PRICES TO THE TRADE.

ITEM	1 lb.	5 lbs.	10 lbs.	25 lbs.	50 lbs.	100 lbs.		
WHITE	.70	.59	.49	.39	.34	.29		

ORDER COTTON FOR COLORS

**ADVANCE PROCESS SUPPLY CO., INC.**

CHICAGO 12, ILLINOIS U.S.A.

"CELLO" FLOCK is a finely ground inexpensive fibre material. It can be used alone with certain equipment. Normally "CELLO" flock is mixed with the better grades to act as an economical extender.

# Special-Cut

# RAYON FLOCK

## WET PROCESS FLAME RETARDANT

- NO BALLING
- FREE FLOWING
- NO FILLER ADDED

### STANDARD PASTEL COLORS (Flame Retardant)

COLOR NO.	COLOR NAME	COLOR NO.	COLOR NAME
11	SUNBURST PINK	29	PEACOCK BLUE
18	RUBY PINK	33	AQUA
24	ICE BLUE	36	CHARTREUSE

ALSO #100 SUPER BLUE WHITE

NET PRICES

### FINEST SPECIAL-CUT RAYON FLOCK (Flame Retardant)

ITEM	1 lb.	5 lbs.	10 lbs.	25 lbs.	50 lbs.	100 lbs.	
SUPER BLUE WHITE	1.15	1.00	.95	.80	.75	.72	
PASTEL COLORS	1.25	1.10	1.05	.90	.85	.82	

# FLOCK ADHESIVES

### SILICATE FLOCK ADHESIVE No. A-29

(Super-Concentrated Water Glass Type)

#### NET PRICES

PER GALLON	
Quan.	Price
1 - quart	\$ .75
1 - gallon	1.50
5 - gallons *	4.50
10 - gallons *	8.00
25 - gallons *	17.50

\* In 5 gallon cans.

### FIRE RETARDANT EMULSION ADHESIVE No. A- 288

(PVA Type)

A superior grade fast drying adhesive for holding flock and tinsel to trees very securely. This is a NON-YELLOWING type, tough and flexible product which possesses excellent spraying qualities. Due to extremely high resin solids content, this adhesive may be reduced 25%–50% for efficient spraying without sacrificing adhesion.

#### NET PRICES

Quan.	Price	Quan.	Price
1 - quart	\$ 1.00	10 - gallons	\$28.00
1 - gallon	3.25	25 - gallons	66.25
5 - gallons	15.00		

This PURE RAYON product is the very finest flock ever produced.

Special cutting to right length offers exceptional flow with high buildup and pile. You'll experience exceptional coverage with finest Special-Cut Rayon flock—also this flock will work smoothly through all guns and production hopper equipment.

This superior quality Rayon flock is available in Lustrous Phosphorescent Blue White and a complete range of deep and pastel colors.

Check these prices—They're the lowest possible consistent with the exceptional quality of this material.

## SPUTNIK FLOCK & TINSEL ADHESIVE OUTDOOR TYPE (PVA Type) EXCELLENT FOR STYROFOAM

### No. A- 340

A permanent tree adhesive for holding flock and tinsel very securely

Quan.	Price
1 - quart	\$ 1.50
1 - gallon	3.95
5 - gallons	3.50
10 - gallons	3.25
30 - gallon drum*	85.00
55 - gallon drum*	138.00

Should be reduced at least 25–50% with water.

\*Non-deposit drums.

**new!**  
**MIX**  
**YOUR**  
**OWN**  
**ADHESIVE**

### AD-HEZE POWDERED FLOCK ADHESIVE

No. AD-20

Here's a powerful product developed to solve the many adhesive problems. Mixes easily with water and dries quickly. Holds flock securely to metal and wood. This is a superior product with water white appearance.

Just mix 1 to 1 1/2 Lbs. per gallon of water for spraying.

1 lb.	\$ 1.75
5 lbs.	1.50
10 lbs.	1.30

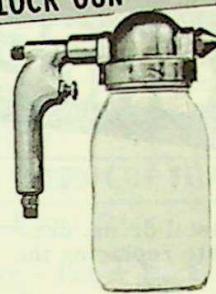
# FLOCK GUNS, SPRAY GUNS, & TURNTABLES

## Standard HEAVY DUTY FLOCK GUN

This low priced gun is equal to or exceeds in performance any flock gun on the market today. Twenty-five to thirty pounds of air pressure recommended. (Tape all glass jars to prevent shattering.)

PRICE ONLY \$17.95

4-Extra Two Quart Glass Containers Each - .75



## Cat. No. 1695 FOOT SWITCH

For "On-Off" Control of Turntables and all Machines. ONLY Very heavy duty type. Press to start and press to stop.

\$18.95

## Cat. No. 750 FOOT SWITCH

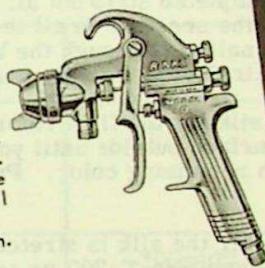
For "On-Off" Control of Turntables and all Machines. ONLY Hold down to start - release and it stops.

ONLY \$7.50

## No. 19 BINKS PRODUCTION SPRAY GUN

- Gun body, one piece, aluminum. Plated for surface protection.
- Gun head, inserted drop forged bronze.
- Needle valve, hardened steel, stainless steel or with tungsten carbide tip,\* needle adjustable to compensate for wear.
- Air nozzle, bronze, self-centering, tapered seat principle.
- Fluid nozzle, hardened steel, stainless steel or with tungsten carbide insert.\*

- Retainer ring does not have to hold air. No leakage.
- Air valve, stainless steel, cartridge type.
- Trigger has hardened steel plate to withstand wear.
- Controls at back of gun.
- Spray pattern adjustable from round to fan with all intermediate patterns.
- Air hose connection, 1/4 in. St. P.
- Fluid hose connection, 3/8 inch St. P.



only \$49.50

## No. 38 BINKS ECONOMY SPRAY GUN

A low cost internal atomizing pressure feed gun.

- Gun and cup cover, one-piece nickelplated aluminum construction.
- Bleeder type gun - no air valve.
- Cup is seamless aluminum, one-quart capacity, screw-type.
- Fan spray nozzle supplied with gun. Round spray and slotted angle nozzles available.

- Can be converted to pressure tank use without special tools. See parts sheet 1206 for instructions.
- For use with compressors as small as 1/4 H.P. or from regulated air lines where the pressure does not exceed 40 lbs.
- Air hose connection, 1/4 inch St. P.
- Fluid hose connection, 3/8 inch St. P.



PRICE ONLY

\$13.60

## SNO JET FLOCKING KIT NATIONALLY ADVERTISED

Now you can spray "SURE-STIK" Flock and Water simultaneously

The only one-barrel complete flock applicator with minimized overspray. Faster, easier, cleaner, with the soft pine aroma symbolic of Christmas. SNO-JET is the most economical. Kit consists of 1 lb. of finest rayon "SURE-STIK" Flock, SNO-JET Gun and Instructions. Refills available at only \$1.95



#SJ-101 SNO-JET KIT \$4.95

## Heavy Duty ELECTRIC TURNTABLE Complete with 18" Steel Table

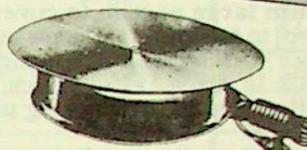
This heavy duty display turntable revolves continuously at slow 3-4 R.P.M. speed. Just plug into any 110V AC outlet. Large Table holds any weight up to 150 lbs. Brown Baked enamel finish.

- 18" Turntable
- 150 lb. Capacity
- 110V, 60 Cycle, AC., Self-starting Motor
- Steel Construction

Cat. No. TT-249 ONLY \$24.95



## Window Display ELECTRIC TURNTABLE

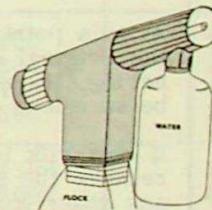


Costs only 1/2¢ a day to run! Consumes only 9 watts. Lightweight, sturdy; carries 10 lbs. Turns 3 times a minute. For 110 volts, A.C., 50/60 cycles.

Cat. No. TT-195 \$9.95

## SNO JET Vacuum Cleaner Gun

Easily adapted to professional sprayer for large production jobs. Applicator for Flocking Trees - Wreaths - Decorations for all seasons. Any tank-type home vacuum cleaner can be used to supply the necessary power for operating. 3 Extra Flock Bags Included.



PRICE ONLY \$2.95

## FLOCKING GUN - The Professional

Binks Model 171 Flock Spray Gun. Rugged flocking spray gun and cup. Two Quart Cup with large opening. One controls spray pattern from round to fan. One controls air for flock velocity. One controls amount of issuing from nozzle. Air connection 1/4" St. P. Three control valves:

Model 171 - Gun with 2 Qt. Cup - Price only

Additional 2-Qt. Cups. Price

\$50.00

\$72.60



## HAND FLOCK GUN

A manually operated simple flocking unit for blowing dry flock or tinsel on a surface. Perfect for tipping and frost-ed effects.

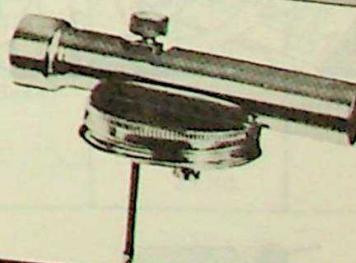
PRICE ONLY \$3.50

## SPEEDIFLOC Vacuum Cleaner FLOCK SPRAY GUN

A fast method of applying flock for samples and small quantity production. Can be used for Xmas Trees.

Screw Speedifloc to top of jar. Attach vacuum cleaner hose at fitting provided. Any spray gun as similar device may be used to apply adhesive.

Price without 1-Qt. Mason Jar - ONLY \$3.95



# instructions for preparing

## HAND-CUT SCREENS

Thumb tack original drawing to a drawing board or work table. In pencil or ink draw a cross in each of the four corners of the original drawing, to facilitate replacing the film in exact registration.

Cut a piece of film large enough to cover the first color. With scotch tape fasten the film, [film side up] to the original drawing. Use enough tape so that film will not shift. The backing paper will act as a temporary carrier of the film until such time as the transfer to the silk is made, after which the backing paper is removed. The idea is to cut through the film only to the backing paper but NOT THROUGH the backing paper.

Decide which color is to be run first. Proceed to cut a stencil corresponding to that color. Allow sufficient overlap of one color over the other to take care of proper registration. In a tracing manner, using the fine stencil knife, cut through the FILM to the backing paper. After cutting has been completed strip out all film from that portion of the design which is to appear open on the screen. In all the large open spaces from which film has been stripped, cut a small slit through the backing paper. The purpose of this slit is to allow the escape of air during the adhering operation.

At this point, you can either adhere film to silk for the first color or remove it from the original sketch and roll up with film surface outside until you are ready for adhering. Repeat the same operation for each remaining color. Prepare a screen and be sure it is clean.

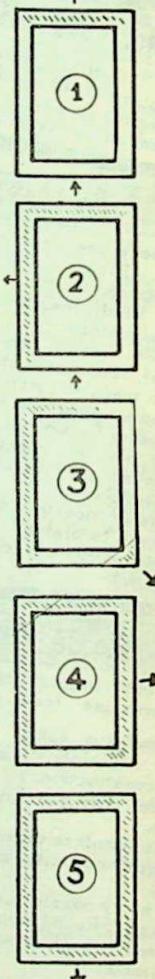
If new silk is used wash well with water [after the silk is stretched on the frame] to remove the sizing, and then with Adhering Liquid No. T-700, or equivalent to remove any other foreign matter.

Place screen in hinges of printing table. Position original drawing under it and set register guides. Fit back cut film for color No. 1 to the original position in which it was cut [using the four crosses] and fasten with a few SMALL pieces of scotch tape. Examine cut film to make sure that no small piece of film or dust particles have been left on it. Bring down screen so that the silk is in contact with the film. Be sure that contact is good.

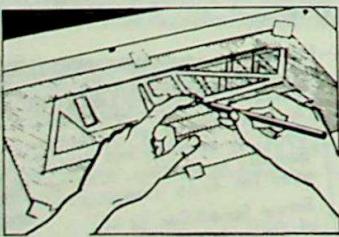
Take two pieces of rag [preferably cotton rags of the type of undershirts]. Wet one rag well with our adhering liquid. Start in the upper lefthand corner. Wet a small portion of the screen with a single stroke, about 6" long, and dry it immediately with a light rubbing motion. Continue rubbing lightly until you see that all of the adhering liquid applied has evaporated. This will take about ten seconds. You will note when this has been done that adhesion was instant. Continue in the same manner until the entire film has been adhered, wetting the rag as often as is necessary. In adhering always start from one side of the screen and continue in the same direction to avoid wrinkles.

Start in any of the four corners and slowly peel backing paper off. Peel backing paper so that you can at all times see the film, in order to prevent tearing any portion of it that was not well adhered. It is advisable to wait 30 minutes before stripping regular films and at least 1 hour for lacquerproof films. Blockout and tape screen.

Five Illustrated  
Steps in Stretching  
Frames by the  
Staple Method.



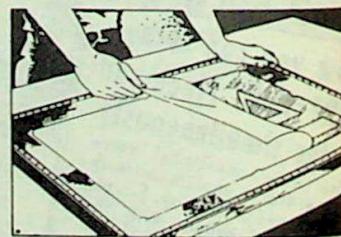
CUTTING FILM



STRIPPING



ADHERING

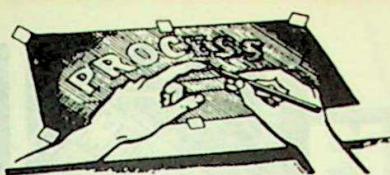


REMOVING BACKING



**ADVANCE PROCESS SUPPLY CO., INC.**

CHICAGO 12, ILLINOIS U.S.A.



# ULANO Hand Cut films

SCREEN PROCESS PRINTING has developed and grown to a well recognized member of the graphic arts industry. This advancement is to a large extent due to the perfection of moderately priced uniform and easy to handle cutting films.

These films have simplified the preparation of cut screens and eliminated the old tedious methods as cut-in, touche, lacquer and shellac paper, etc.

We of ADVANCE have rigidly tested the following films and found them to be the best available.

ULANO SUPER SPEED-CUT FILM	SHEET SIZE	PRICE	ROLL SIZE	PRICE
# 1 Super Blue - Paper Back	30"x40" 28"x44"	\$1.85 -----	40"x300" 44"x280"	\$16.00 16.00
# 11 Super Amber - Paper Back	30"x40" 28"x44"	1.85 -----	40"x300" 44"x280"	16.00 16.00
# 21 Super Green - Paper Back	30"x40" 28"x44"	1.85 -----	40"x300" 44"x280"	16.00 16.00

ABOVE FILMS ALSO AVAILABLE WITH BT-(BACK TREATMENT) AT \$1.00 PER ROLL ADDITIONAL

ULANO SPEED-CUT LACQUER PROOF FILM				
# 31 A-Lacquer Proof Amber	30"x40"	\$2.40	40"x300"	\$21.00
# 31 N-Lacquer Proof Neutral	30"x40"	2.40	40"x300"	21.00

## ULANO PLASTIC BACK FILM

Plasti-Cut Amber	30"x40"	\$2.75	40"x150" 40"x300"	\$12.50 24.00
Sta-Sharp Green	30"x40"	2.75	40"x150" 40"x300" 44"x150" 44"x300"	12.50 24.00 13.50 26.00
Plasti-Cut Blue	30"x40"	2.75	40"x150" 40"x300"	12.50 24.00
# 25 Photo Mask Ruby Red	30"x40"	2.75	40"x150" 40"x300"	12.50 24.00
Seven-Eleven	30"x40"	3.00	40"x150" 40"x300"	13.50 26.00
Ceramic Amber	30"x40"	3.00	40" x 150" 40" x 300"	13.50 26.00
Rubylith M-3	30"x40"	3.75	40"x150" 40"x300"	17.00 33.00
No. 33 Lacquer Proof Green	30"x36"	3.75	36"x150" 36"x300" 40"x150" 40"x300"	15.00 29.00 16.50 32.00
Quick Dry Water Soluble Film	30"x 36"	3.25	36"x150" 36"x300" 40"x150" 40"x300"	14.50 28.00 18.50 36.00
Aqua Film Water Soluble Film				

## Regular E-Z Cut Film #201

Here's a film which has all the properties you desire. It cuts and peels without eye fatigue. It's very transparent and mounts and strips perfectly every time. Just look at this economy . . . every roll guaranteed. Amber Color. \$14.50 per roll 3 or more rolls - \$12.50 each

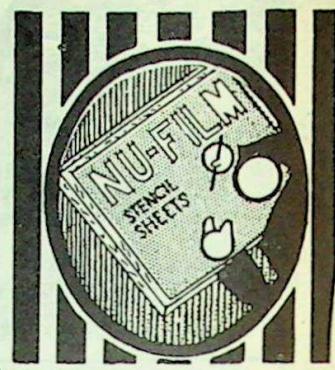
ULANO FILM — ROLLS	40x150	40x300
Upco #41 Blue	\$15.50	\$30.00
Upco #42 Amber	15.50	30.00
Upco #43 Green	15.50	30.00
Upco #44 Green (.005 Base)	18.00	-----
Upco #45 Green	15.50	30.00
Rubylith M3 (Regular Rubylith, Tight Grip)	\$17.00	\$33.00
Rubylith RQ3 (Regular Rubylith, Quick Strip)	17.00	33.00
Amberlith A3A (Like Rubylith M3, Tight Grip)	17.00	33.00
Amberlith QA3 (Like Rubylith M3, Quick Strip)	17.00	33.00
Rubylith D3R (Rubylith, Quick Strip, Clear Base)	19.75	-----
Amberlith 3DA (Quick Strip, Clear Base)	19.75	-----
#25 Foto Mask - (Vinyl Base)	12.50	24.00
Plasti-Cut Amber #27 - (Vinyl Base)	12.50	24.00
Rubylith 5DR - (Quick Strip Clear Base)	23.50	-----

**ADVANCE PROCESS SUPPLY CO., INC.**

CHICAGO 12, ILLINOIS U.S.A.



Hand Cut  
**films**  
**PROFILM**



**NU-FILM & BLUFILM**

**IN STOCK FOR IMMEDIATE DELIVERY**  
**NU-FILM or BLUFILM paper back films**

TYPE and COLOR	SHEET SIZE	PRICE per sheet	ROLL SIZE	PRICE per roll
NU-FILM Amber Special	30"x 40"	\$1.90	40"x 300"	\$16.00
NU-FILM Amber	30"x 40"	1.95	40"x 300"	17.50
NU-FILM Double Amber	30"x 40"	3.50	40"x 300"	27.50
BLUFILM Standard	30"x 40"	2.10	40"x 300"	18.50
NU-FILM F.S. Strip	30"x 40"	1.95	40"x 300"	17.50
BLUFILM F.S. Strip	30"x 40"	1.95	40"x 300"	18.50
Weatherproof Amber	30"x 40"	1.95	40"x 300"	17.50
Weatherproof BLUFILM	30"x 40"	1.95	40"x 300"	18.50
Dull Finish Amber	30"x 40"	1.95	40"x 300"	17.50
Lacquerproof Amber	30"x 40"	2.45	40"x 300"	22.50
Lacquerproof BLUFILM	30"x 40"	2.85	40"x 300"	23.50
Ruby Red Positive	30"x 40"	2.00	40"x 300"	18.50

Water Soluble  
NU Film  
completely  
Lacquer Proof  
40"x150" Roll - \$17.50  
40"x300" Roll - \$33.33

**VINYLITE plastic films**

TYPE and COLOR	SHEET SIZE	PRICE per sheet	ROLL SIZE	PRICE per roll	ROLL SIZE	PRICE per roll
VINYLITE Back Amber	30"x 40"	\$2.75	40"x 150"	\$12.50	40"x 300"	\$24.00
VINYLITE Back Blue	30"x 40"	2.75	40"x 150"	12.50	40"x 300"	24.00
VINYLITE Back Green	30"x 40"	2.75	40"x 150"	12.50	40"x 300"	24.00
VINYLITE Back Red	30"x 40"	2.75	40"x 150"	12.50	40"x 300"	24.00

**STUDNITE polyester plastic films**

TYPE and COLOR	SHEET SIZE	PRICE per sheet	ROLL SIZE	PRICE per roll	ROLL SIZE	PRICE per roll
STUDNITE Amber	30"x 40"	\$3.50	36"x150"	\$16.00	36"x150"	\$31.00
STUDNITE Blue	30"x 40"	3.50	36"x150"	16.00	36"x150"	31.00
STUDNITE Ruby (thick)	30"x 40"	3.50	36"x150"	16.00	36"x150"	31.00
STUDNITE Ruby (thin)	30"x 40"	3.50	40"x150"	16.00	40"x300"	31.00
STUDNITE Lacquerproof Yellow	30"x 40"	4.50	36"x150"	19.00	36"x300"	37.00

**PROFILM**

TYPE and COLOR	SHEET SIZE	PRICE per sheet	ROLL SIZE	PRICE per roll
Amber	30"x 40"	\$1.95	40" x 300"	\$17.50
Clearview Dull Green	30"x 40"	1.95	40" x 300"	17.50
Lacquer-Proof	30"x 40"	2.45	40" x 300"	22.50

DISCOUNTS IN 3 - 6 - 12 & 24 ROLLS - CAN BE ASSORTED



**ADVANCE PROCESS SUPPLY CO., INC.**

CHICAGO 12, ILLINOIS U.S.A.

# FILM ADHERENTS

HIGHEST QUALITY • UNIFORM FORMULATION FOR ALL HAND-CUT FILMS

MANUFACTURED IN LARGE VOLUME BY "ADVANCE" FOR MANY YEARS. EVERY BATCH CAREFULLY TESTED TO INSURE AND PROTECT YOUR EVERY SCREEN MAKING JOB.



## REGULAR FILM ADHERING LIQUID

No. T-700

The ideal film adhering liquid for regular films as: ULANO FILMS—NU-FILM—PROFILM—BLUFILM.

This solution adheres films firmly to silk without burning edges. Evaporates quickly.

QUART.....	\$ .85
GALLON.....	2.00
5 GALLON [per gallon].....	1.85



## LACQUERPROOF FILM ADHERING LIQUID

No. T-750

Adheres all lacquerproof films to silk with very little effort.

QUART.....	\$ .85
GALLON.....	2.00
5 GALLON [per gallon].....	1.85



## LACQUER WASHUP T-909

For general washup of most inks and films. Pleasant odor - very economical.

\$1.50 per gal.  
\$1.25 per gal. - 5 gallon can  
Special Price in 30 and 50 Gal. Drums

STA-SHARP ADHERING LIQUID  
\$.90 Quart ---- \$2.80 Gallon

7-11 ADHERING LIQUID  
\$1.15 Quart -- \$3.50 Gal.

50 LACQUER THINNER  
\$1.25 Qt. - \$.75 Gal.



## ADVANCE REGULAR FILM REMOVER

No. T-790

A slow evaporating yet strong solvent, for removing regular stencil film sheets from silk screens after they have no further use. Place absorbent paper [newspaper] under the screen and saturate inside of silk with this solvent. Stencil film is dissolved and comes off onto newspaper beneath it.

QUART.....	\$ .85
GALLON.....	2.00
5 GALLON [per gallon].....	1.85



## LACQUERPROOF FILM REMOVER

No. T-775

Used for cleaning lacquerproof film from screens leaving silk clean and ready for reuse.

QUART.....	\$ .85
GALLON.....	2.00
5 GALLON [per gallon].....	1.85



## FAST SOLVENT T-693

Rubber cement thinner and backing sheet release solvent.

\$ .85 per qt.  
\$2.25 per gal.



## ACETONE T-988

Pure C. P. full strength for fast evaporating strong solvent. Removes and cleans clogged areas.

1 Qt. - \$ .75  
1 Gal. - \$1.75  
5 Gal. - \$1.60 per gal.

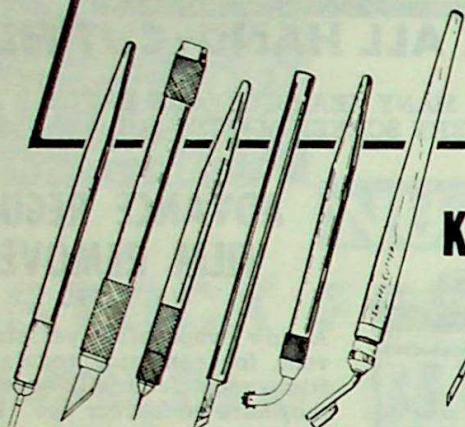


**ADVANCE PROCESS SUPPLY CO., INC.**

CHICAGO 12, ILLINOIS U.S.A.

# SILK SCREEN TOOLS

ADVANCE has selected the following tools and silk screen aids from manufacturers everywhere. Each utility item serves a definite purpose. Top value for your money is a prime consideration. All tools are guaranteed to satisfy you perfectly.

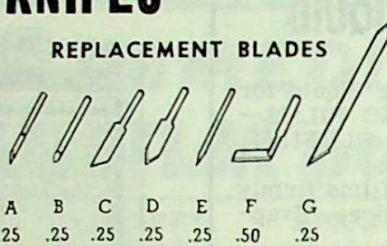


H .95 I .95 J .95 Q .25 L 1.25 R 1.50

10 per cent discount in dozen assorted knives or blades.

## KNIFES

### REPLACEMENT BLADES



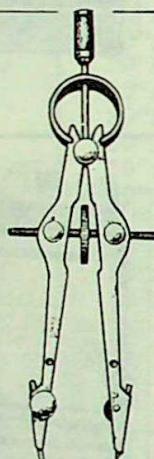
A .25 B .25 C .25 D .25 E .25 F .50 G .25

## BOW COMPASS CUTTER

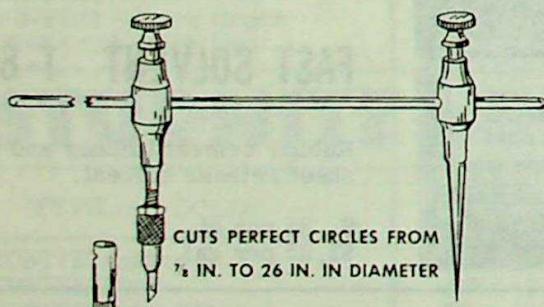
Combination compass and Circle Cutter. Gleaming appearance, and very accurate. Made of fine steel with a spring and center adjustment. Draws circles up to 10 and 12 inches in diameter. Use "B" Replacement Blade.

Price with blades... \$3.95

Extra blade.... \$.25



### HEAVY DUTY



CUTS PERFECT CIRCLES FROM

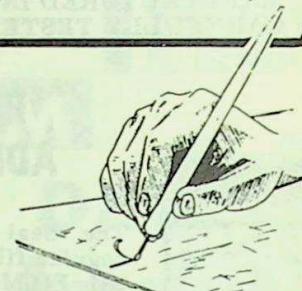
7/8 IN. TO 26 IN. IN DIAMETER

## TRAMMEL CUTTER

Cuts perfect circles from 7/8" to 26 1/2" in diameter. Just the proper weight and balance for quick easy, accurate cutting. Complete with single blade cutting head.

Large Size..... \$5.25

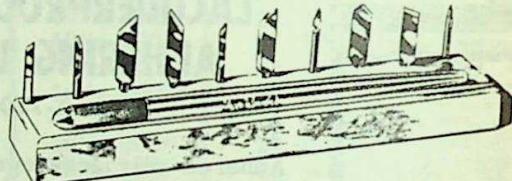
Extra single blade head... \$1.15



## FILM LINE CUTTERS

These tools are designed to cut lines, line drawings, etc., on stencil films for screen process reproduction.... cuts the lines and peels out the film in one stroke. Colored plastic handles.

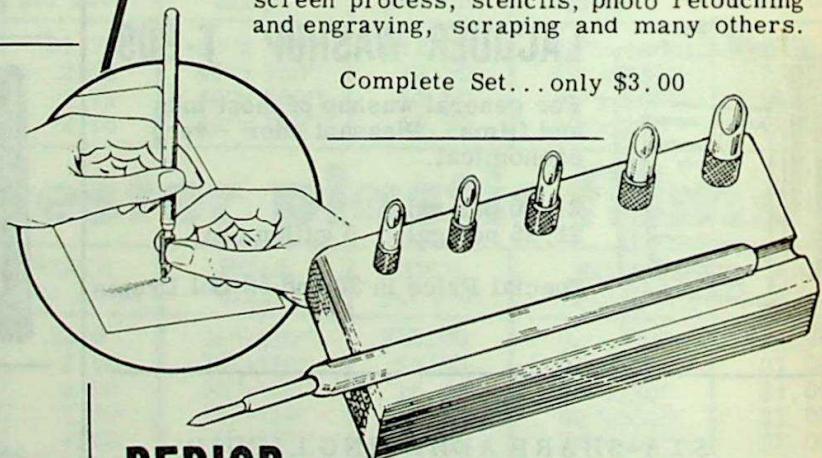
Set of 3 Sizes..... \$4.95



## No. 24-1 TOOL KIT

A precision made blade holder of lifetime aluminum. Ten different blades of a high grade, long lasting tool steel. Used for silk screen process, stencils, photo retouching and engraving, scraping and many others.

Complete Set... only \$3.00



## PERIOD CUTTER SET

Cuts Circles from  
1/8" to 1/4" in diameter

For cutting circles in film. Indispensable for all over patterns. Very simple to operate. Complete set includes five different sizes, 1/8" to 1/4" in diameter.

Complete Set..... \$3.50



**ADVANCE PROCESS SUPPLY CO., INC.**

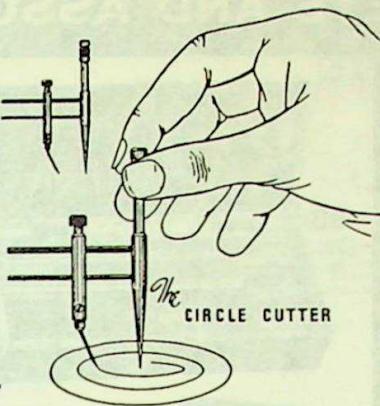
CHICAGO 12, ILLINOIS U.S.A.

# CIRCLE CUTTER

A tool that is a must in every shop for cutting small circles. Easily adjustable and will not slip. Cutting blade is made of fine quality tool steel with both edges sharpened. This permits rotating the blade in two directions. An excellent tool. Very strong and durable, nickel plated.

CAT. # CC-2

Circle Cutter....\$3.65  
Extra blade..\$.70

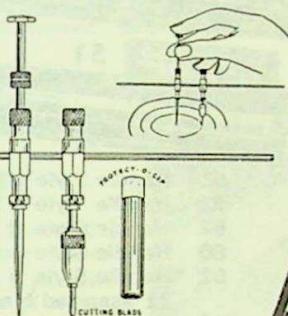


## Jr. COMPASS CUTTER

A light-weight, well-made tool for layout copy in lead or ink lines and for cutting Silk Screen Stencils. You can use Speed Ball and other pens. The only Beam Compass and Compass Cutter operated by one hand.

CAT. # CC-7

Jr. Compass Cutter...\$4.50  
Extra blade..\$.70



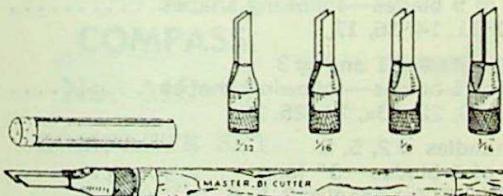
FOR CUTTING DUAL PARALLEL LINES



## ADJUSTABLE BI-CUTTER

Well made and nicely balanced. A center adjustment on both cutting blades insures perfectly accurate control. It is particularly well adapted for cutting conventional designs, borders, scrolls, large letters, etc. Speeds up work and makes it more uniform.

Cat. No.	Size	Price
BC-55	1/4-3/4	\$6.00
BC-75	0 - 1/4	5.25



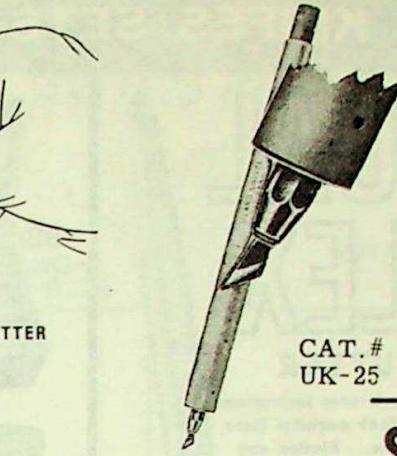
## MASTER BI-CUTTER

An excellent knife for cutting dual parallel lines in varying widths. Will save a great deal of time in cutting your stencils for borders, circles, scrolls, straight or curved lines. Adaptable for cutting film paper, masks, celluloid, etc. The heads are equipped with two quality blades correctly balanced for fine cutting. Head sizes shown above. CAT. # BC-50

Bi-Cutter complete with 4 heads....\$6.00

Cat. No. BC-51.. Extra single blade head...\$1.15

Cat. No. BC-52.. Extra large heads.....\$2.25

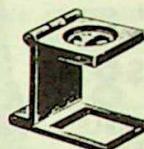


## ULANO SWIVEL KNIFE

A most perfectly designed and machined swivel stencil cutter. After mastering the technique, the Ulano Swivel Knife offers the user an unequaled free cutting style. Users acclaim this tool as the finest. Ball-Bearing pivoted.

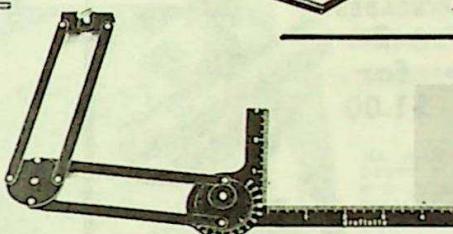
Swivel Knife complete..... \$12.50  
Package of 3 Blades ..... 1.00

## SILK EXAMINER



A powerful pocket size folding magnifier. Ten power precision ground with polished lens.  
Ideal for counting fabric threads, engraving dots, etc. CAT. # E-35

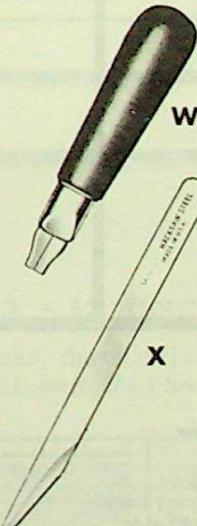
Price each..... \$1.95



## draftette® Portable Drafting Machine

Enthusiastically approved by top engineers, designers, draftsmen, artists, etc. Requires no special training to operate. Clamps on your drawing board or sketch pad in a jiffy or may be used with Draftette Drawing board. Resistant to weather and easily cleaned with damp cloth. Architects scale.

Model	Size of Scale	Size Board	Price Complete	Scale Only
12B	6 x 9	20 x 26	\$22.50	-
12	6 x 9	-	-	\$17.00
115	3 x 5	11 x 17	6.50	-



## MAT KNIFE

Handle shown is turned from selected hardwood with stained polished finish. Jaws and ferrules case hardened to insure long wear. Parts heavy nickel plated to prevent rusting. Ideal for cutting cardboard, mats, etc. Extension Blade is made from highest quality Tungsten Hacksaw Steel. Each blade is individually hand honed to give a precise razor edge. Blade is 4 3/4" long to fit No. W handle.

No. W Handle..... \$1.25  
No. X Blade..... .50



## SHARPENING STONE

This high-quality, aluminum oxide sharpening stone will keep cutting tools in tip-top shape. A must for use by every Silk Screen stencil cutter. CAT. # SS-30

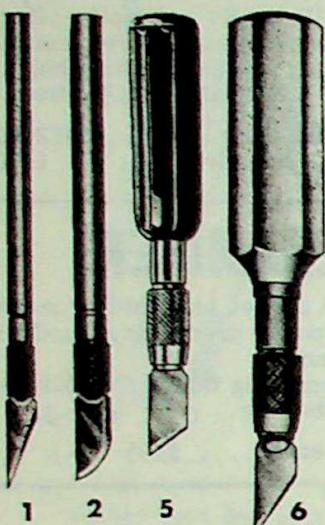
Price..... \$.35 each

3 FOR \$1.00

**ADVANCE** PROCESS SUPPLY CO., INC.

CHICAGO 12, ILLINOIS U.S.A.

## KNIVES and HANDLES



Handle Style #1, with blade... \$ .60  
Handle Style #2, with blade... .75  
Handle Style #5, with blade... 1.20  
Handle Style #6, with blade... 1.80

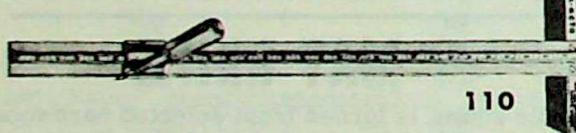


## FRISKET KNIVES

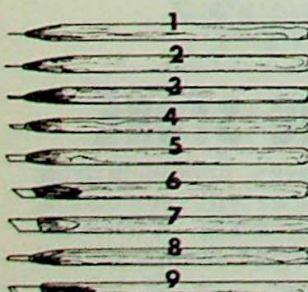
	EACH	DOZEN
4 Stencil and Frisket, with blade	\$.30	\$3.50
EACH Pkg.		
4B Refill blades... pkg. of 5 blades	.25	



## MAT CUTTERS

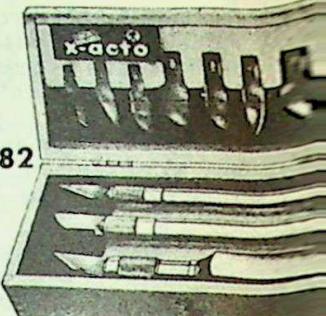
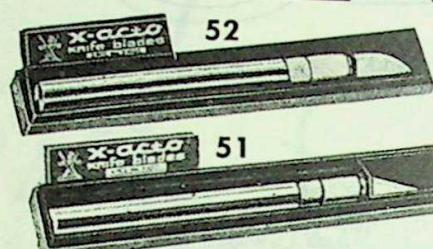
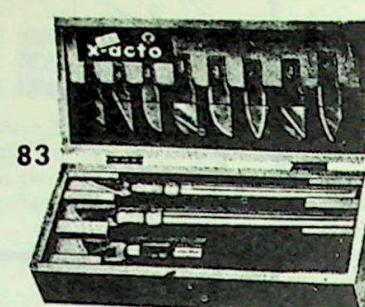


110 Mat Cutter, T-Square head, 30" slide and scales for accuracy.....\$9.00



## CUTTING TOOLS

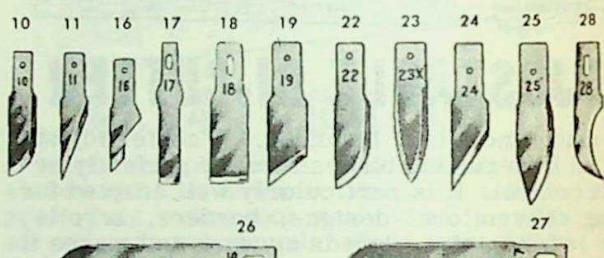
#1 - LITHO NEEDLE - 1/32" dia.	\$1.00 ea.
#2 - LITHO NEEDLE - 3/64" dia.	\$1.00 ea.
#3 - LITHO NEEDLE - 1/16" dia. oval point (for fine and heavy lines)	\$1.00 ea.
#4 - STRIPPING KNIFE - .025" thick 1/8" wide	\$1.20 ea.
#5 - SCRAPER - 1/16" square tool steel, diamond point	\$1.00 ea.
#6 - STRIPPING KNIFE (narrow) - .012" thick 3/16" wide	\$1.20 ea.
#7 - STRIPPING KNIFE (wide) - .012" thick 1/4" wide	\$1.20 ea.
#8 - BRASS PRESS ROOM TOOL - 1/16" dia. soft brass	\$.90 ea.
#9 - STRIPPING KNIFE (heavy) - 1/32" thick 1/4" wide	\$1.20 ea.



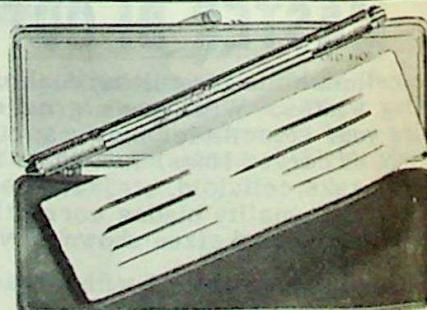
## X-ACTO SETS

	Each
51 Handle Style #1, 6 assorted blades	\$1.20
52 Handle Style #2, 6 assorted blades	1.35
62 Handle Style #1 and #2, 12 ass't. blades	2.75
80 Handle Style #6, 6 assorted blades	2.40
82 Handle Style #1, #2, #5 11 assorted blades... in wood chest	4.50
83 Handle Style #1, #2, #6 24 assorted blades... in wood chest	6.00

## REFILL BLADES



	Pkg.
1 Assortment... package of 5 blades	\$.60
2 Assortment... package of 5 blades	.60
Pkg. of 5 blades—following shapes # 10, 11, 14, 16, 17	.60
For handles #1 and #3	
Pkg. of 5 blades—following shapes # 18, 19, 22, 23x, 24, 25, 28	.60
For handles #2, 5, 6	
Pkg. of 2 blades—3" long # 26, # 27 for handles 2, 5, 6	.30

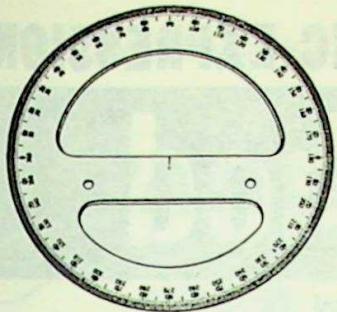


NEEDLE CUTTERS.....\$1.25



**ADVANCE PROCESS SUPPLY CO., INC.**

CHICAGO 12, ILLINOIS U.S.A.



### NO. 260 CIRCULAR PROTRACTOR

6"-\$2.00 ea.

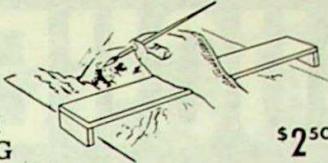
8"-\$3.00 ea.

10"-\$4.00 ea.

Circular protractor, clear transparent material, laminated, outer edge beveled.

### "ARTIST'S BRIDGE"

KEEPS WORK  
FROM SMUDGING!  
FOR ARTISTS,  
DRAFTSMEN,  
LAYOUT MEN  
ALL ALUMINUM  
18 INCHES LONG  
1-1/2 INCHES WIDE



\$2.50



### FRENCH CURVE SET

Set of 8-\$4.00 List Price

This complete set consists of eight curves of .090 thickness. Attractively boxed.

### SET OF 5 C-THRU ELLIPSES

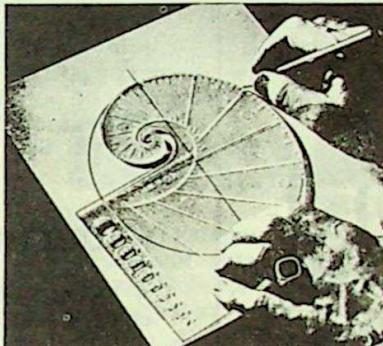
with

Set consists of 15, 30, 35, 45, and 60 degree ellipses.

Each template permits drawing of 1/4" to 12" ellipse.

Each ellipse has a proportional scale to check proper degree template when major and minor diameter are known.

Made of non-inflammable, non-warping, and dimensionally stable material.



### UNUSUAL FEATURES

Set of 5 covers almost every need.

No. E-10—Set of 5 Ellipse Templates attractively packed in a box with illustrations and instructions—Price \$8.00

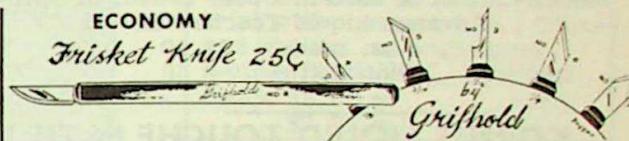
### CROW QUILL HOLDER

NO. 47 THERE IS NOTHING ON THE MARKET LIKE THIS CROW QUILL HOLDER IT'S ALL ALUMINUM, WITH A CLUTCH THAT HOLDS THE POINT SOLID, SO LIGHT AND WELL BALANCED, ROOM TO STORE A EXTRA POINT IN HANDLE. YOU NEVER THROW THIS AWAY WHEN INK GETS IN IT JUST WASH IT OUT, WATER WILL NOT HURT IT.

\$1.00

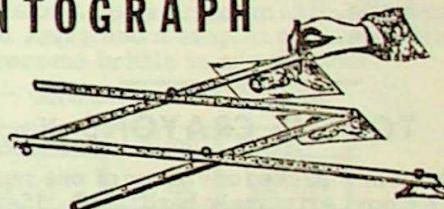
### ECONOMY

Frisket Knife 25¢



ALL ALUMINUM TUBE HANDLE WITH A FIXED BLADE FOR EVERY PURPOSE. NUMBER 3 IS 1/16, # 4 IS 1/8, # 5 IS 3/16, # 6 IS 1/4 WIDE # 7 DAGGER, # 8 A RADIUS. SO HANDY GET SEVERAL.

### PANTOGRAPH



No. 96A—Bars 21" long, selected hardware, polished hardwood. Boxed, with instructions. For enlarging or reducing.

Each \$3.25

No. 853—All metal, precision Pantograph.

Length 21". Boxed, with instructions. .... Each \$10.00

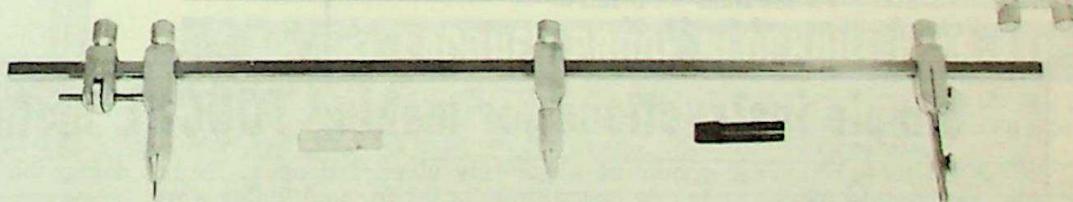
### BEAM

### COMPASS

No. MC-66

COMPLETE SET

\$7.50



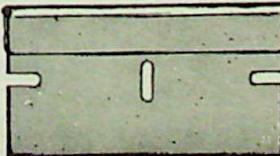
26" SINGLE - 52" CIRCLES WITH EXTENSION \$7.50 Set

Utility beam compass, thumb adjusting type, light weight construction, divider point, pen-and pencil part, lead box and extra needle points individually boxed.

### RAZOR BLADES

Single-Edge Industrial Type,

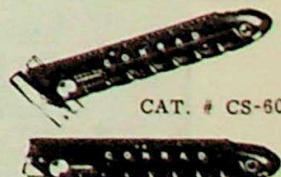
for General Use.....\$ 1.65 Per 100  
15.00 Per 1000



### CUTTER and SCRAPER

For cutting and scraping. Uses standard single edge razor blades. Retractable blade makes it safe in hand or pocket. Grip design reduces finger fatigue.

Knife & 3 Blades.....\$.60  
12 each per carton..... 6.00



**ADVANCE PROCESS SUPPLY CO., INC.**  
CHICAGO 12, ILLINOIS U.S.A.

# SCREEN PROCESS REPRODUCTION OF TRUE ARTISTIC EXPRESSION

# BY THE TOUCHE method

The Touche Method is an old, yet simple process for making screens. Recently this method has been revised due to the specialization of key shops in beautiful and realistic blended reproductions.

The Touche Method, relieves the screen processor of hard, sharp cut lines and enables the free use of Art without expensive photography.

"ADVANCE" has led in furthering development of the Touche Process and offers the following materials as the best available.

## ADVANCE LIQUID TOUCHE BM-15

An ideal water thin solution for making washout stencils. Can be used in a pen, brush, or spray.

Advance Liquid Touche # BM-15

4 oz. bottle \$1.50  
Pint Bottle 3.50

## KORN'S LIQUID TOUCHE No. TM-180

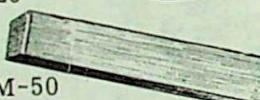
For blocking large areas and dry brush effects. Flows freely.

16 oz. bottle.....\$4.40  
8 oz. bottle.....3.30  
4 oz. bottle.....2.20



## TOUCHE CRAYONS No. TM-50

Stick form - packed one dozen of one number per box.  
No. 5 Copal extremely hard... \$ .15ea - \$1.10 doz.



## TOUCHE PENCILS No. TM-123

A easy working grease pencil for quickly applying shading and artistic effect in screens.

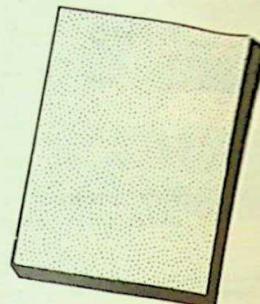
- Hardness: # 1 Soft - # 2 Medium - # 3 Hard  
Price \$ .35ea. - 3 for \$1.00



## TOUCHE PLATE

A specially designed pattern casted into a durable alloy. Place under screen and shade patterns in all graduations of tone using either touche crayon or touche pencil.

Professional Size 12"x18" No. TM-1218 ... \$30.00  
Student Size 6"x9"..... No. TM-690 ... 9.50



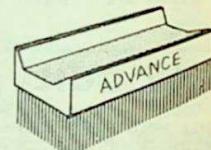
## TOUCHE FILL-IN BLOCKOUT B-212

A heavy bodied high solids, water soluble blockout coating which has a firm flexible adhesion to the silk. Blockout will shed from touched in portions of screen. Remove this with water.

Pint... \$1.50 Quart... \$2.85 Gallon... \$8.50

## CLOG REMOVING BRUSHES

B-21



Remove stubborn mesh clogs in silk and wire cloth with these fine bronze wire brushes. Just place one brush under clogged mesh and tap over it with the other brush.

2 brushes per set  
1 set \$ .45  
6 sets \$ 2.25

## Simple instructions for making TOUCHE method screens

1. Mesh of screen should be absolutely clean and open. Brush design on screen direct with liquid touche or ink design with India Ink for multicolor work.  
  
The touche must be thoroughly dry, or it will mix with the filler and spoil the job.
2. Pour mixture of water and glue inside of screen, made with 12XX - 14XX silk. Card down over touche design and allow to dry thoroughly. Apply a second coat of glue filler on same side and dry.
3. Soak both sides of screen well with turpentine and rub lightly on face of screen with fingers. The touche design will soften and wash out. Use clog removing brushes, but use care not to break edges. Dry thoroughly.
4. Glue filler may be removed from screen with running tap water. India Ink design remains, permitting following color designs to be brushed on same screen for accurate registration.



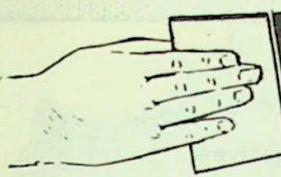
# ADVANCE PROCESS SUPPLY CO., INC.

CHICAGO 12, ILLINOIS U.S.A.

FOR FILLING IN ALL NON-PRINT SCREEN AREAS  
ON SILK - METAL - OR SYNTHETIC PROCESS FABRICS...

# ADVANCE BLOCKOUTS

*...ARE  
Time-Tested!*



All portions of the silk screen other than the design to be printed should be blocked out with the proper filler.

A good knockout is just as important as a well-made hand cut or photo screen. The screen is no better than the knockout used.

ADVANCE knockouts are designed to fit the need for a super trouble free silk screen filler. The following features are imparted in all our knockouts:

A TOUGH ABRASION RESISTANT FILM  
EASY TO APPLY

NO CHIPPING.. NO PEELING.. NO CRACKING.. NO PINHOLING

ALL NEW...  
**QUICK-BLOCK  
WATER SOLUBLE  
BLOCKOUT B-119**

COMPLETELY LACQUER PROOF

A revolutionary discovery in a new Knockout. B-119 is a super tough flexible new development. One coat with a rigid plastic blade will seal even coarsest screen meshes. Now watch how fast B-119 dries. One trial will convince you. Thins and washes out with water. Quick-Block W.S. Knockout Price \$2.00 qt. B-119 \$7.25 gal.

## ADVANCE WATER SOLUBLE BLOCKOUT no. B-115

NOW IT'S HUMIDITY PROOF

A multi-purpose superior knockout for every type of paint with the exception of water dyes and water emulsions. Clear or color; All-Weather Water Soluble Knockout is simple to apply and a snap to wash out with warm water. Will not get tacky or become brittle in any weather.

NOW AVAILABLE IN RED - GREEN - AND CLEAR

Cat. No	Description	Quart	Gallon	5 Gal.
# B-115	Water Soluble Knockout	\$2.00	\$6.95	\$6.70

## ADVANCE LACQUER BLOCKOUT no. B-713

EXTREMELY TOUGH - YET FLEXIBLE AND DURABLE

For filling in hand-cut and photo screens. Not to be used with lacquer, vinyl or acetate paints and solvents. Colored blue or clear. Wash out with ADVANCE Thinner #T-745.

Cat. No.	Description	Quart	Gallon	5 Gal.
# B-713	Lacquer Knockout	\$1.75	\$4.95	\$4.70
# T-745	Thinner & Remover	.80	2.50	2.35

## ADVANCE LACQUER-PROOF BLOCKOUT no. B-811

Where a tough Lacquer-proof screen is necessary Knockout #B-811 is indispensable. Use ADVANCE Lacquer-proof Remover #T-775 or Acetone when cleaning screen for reuse. Colored gray or clear.

Cat. No.	Description	Quart	Gallon	5 Gal.
# B-811	Lacquer-proof Knockout	\$1.95	\$5.25	\$5.00
# T-775	Remover & Thinner	.90	3.00	2.85

## CRAFTINT WATER SOLUBLE BLOCKOUT no. B-101

A blue pigmented type water soluble knockout. Dries quickly leaving a flat tough film. Thin and washout with warm water.

Cat. No.	Description	Quart	Gallon
B-101	Water Soluble Knockout	\$2.00	\$7.50

RESISTS MOST LACQUERS

## WATER SOL BLOCKOUT



Fastest drying yet. A water soluble resin compounded with a fast evaporating solvent. Several coatings produce a durable screen coating. EXCELLENT FOR DECAL SCREENS.

Quart - \$2.15  
Gallon - \$7.00

**ADVANCE PROCESS SUPPLY CO., INC.**

CHICAGO 12, ILLINOIS U.S.A.

**SCOTCH**  
BRAND  
Pressure-Sensitive  
Tapes



# TAPES for Specialized Jobs



## CELLOPHANE CLEAR TAPE 2592" Length 3" Core

Seals instantly without moisture. Very handy for artwork negatives, positives, etc.

SIZE	1-11 ROLLS	12-35 ROLLS	36-143 ROLLS
1/4" x 2592"	\$ .53	\$ .48	\$ .44
1/2" x 2592"	.92	.83	.76
3/4" x 2592"	1.34	1.21	1.11
1" x 2592"	1.79	1.58	1.46

No. 616 RED CELLOPHANE PHOTO OPAQUE TAPE (large 2592" roll)  
1/4"....\$1.11      1/2"....\$1.82      3/4"....\$2.56      1"....\$3.34



## MASKING TAPE CREPE

A very handy pressure sensitive tape, for temporary and permanent applications.

SIZE [60 Yards]	INDIVIDUALLY BOXED		BULK CASES	
	1-11 ROLLS	12-35 ROLLS	1-4 CASES	1-4 CASES
1/2"	\$ .91	\$ .71	\$0.56	72 Rolls per case
3/4"	1.00	.80	\$0.64	48 Rolls per case
1"	1.25	1.05	\$0.91	36 Rolls per case
1-1/2"	1.86	-	\$1.37	24 Rolls per case
2"	2.50	-	\$1.82	20 Rolls per case
3"	3.55	-	\$2.83	12 Rolls per case

NOTE: Add 25 cents per roll for flat Back No. 250 Tape.

## DOUBLE FACED MASKING TAPE

Specially prepared for holding down while screening on cloth, paper, board, metal, and many other materials.

SIZE [36 Yards]	INDIVIDUAL ROLLS		BULK CASES	
	1-11 ROLLS	12-35 ROLLS	1-4 CASES	1-4 CASES
1/2"	\$1.53	\$1.37	\$1.22	72 Rolls per case
3/4"	2.00	1.80	1.64	48 Rolls per case
1"	2.50	2.29	2.04	36 Rolls per case

## HOLLAND CLOTH (WHITE TAPE) (FRAME SCREEN TAPE)

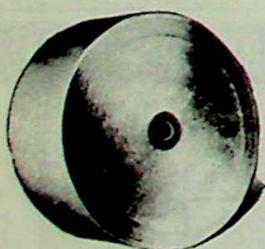
An extra strong cloth water moistened gummed tape. Used extensively for the inside of silk screens to prevent the seepage of paint.

SIZE	Price	SIZE	Price
2" x 50 yds.	\$2.75	2"x150" yds.	\$7.50
3" x 50 yds.	3.95	3"x150" yds.	10.95

## GUMMED TAPE (PAPER)

This water moistened gummed tape is excellent for sealing silk screens inside and outside. Its extra strong adhesive and tough fibre paper is ideal for silk screen use and packing.

SIZE	PER ROLL	PER BUNDLE
Large Rolls 2"	\$1.10	\$9.95 (15 rolls)
Large Rolls 2-1/2"	1.25	9.95 (12 rolls)
Large Rolls 3"	1.40	9.95 (10 rolls)

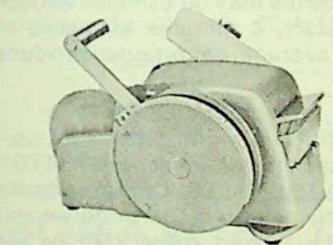
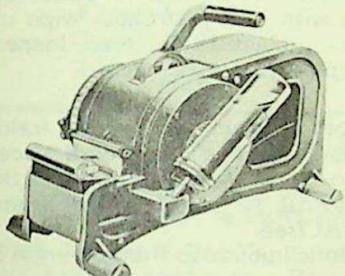
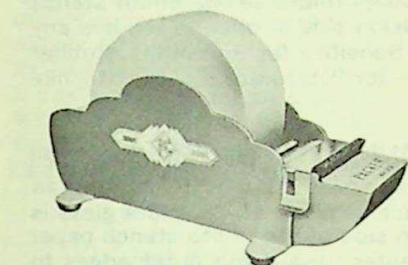
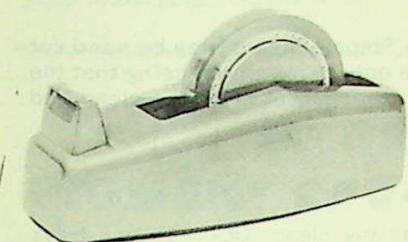


**ADVANCE PROCESS SUPPLY CO., INC.**

CHICAGO 12, ILLINOIS U.S.A.

# TAPE DISPENSERS

FOR SAFE SEALING OF PARCEL POST, FREIGHT, AND EXPRESS SHIPMENTS



(TWO INCH WIDE)

## SOLVENT RESISTANT

### PLASTIC TAPE

(pressure sensitive - polyethylene)

For sealing inside of frames. For protecting edges and guides etc. This durable white plastic reinforced tape has tremendous tack and moulds into all crevices and corners and simply removed.

PRICE PER 60 YARD ROLL - \$4.95

6 ROLLS - \$4.50 EACH

12 ROLLS - \$4.10 EACH

20 ROLLS - \$3.95 EACH

### CELOPHANE TAPE DISPENSER

Heavy cast dispenser for commercial use holds any large size roll cellophane tape up to 1" wide. Each ..... \$3.95

Double Coated (faced) Tape Dispenser M-71....\$11.95

Fiber Glass Tape Dispenser H120....\$6.00

### Inexpensive TEAR-OFF MOISTENERS

Here's the finest tear-off moistener ... for sealing packages to be delivered by stores or carried by customers, and for pre-pack sealing of products to be packaged in master cartons. Easy to load, clean, operate. Built to "take it". Handles 60 lb. or 35 lb. tape, one or two rolls, total width to 3".

Packers #3-S Price..... \$14.10

### TAPE SHOOTER 100-6

You'll like this fast, heavy-duty dispenser because it's built to "take it" ... and because you can count on it to see you through rush hour or peak season jams. You can instantly select tape-lengths up to 30" ... or leave the adjustable feed stop in one position for repeat lengths to seal "runs" of same-size containers. Accurate measure control prevents tape waste of as much as 40 percent. Here's the ideal, all-purpose machine for every shipping room need ... as well as for many factory pre-packing operations. Takes standard 600 ft. 60 lb. tape, 1-1/2" to 3" wide. Measures up to 30", single stroke: longer strips with repeat strokes.

Tape Shooter #100-6 Price..... \$62.50

### NEW Tapeshooter 77

Finest general shipping room machine in its price class. Two-brush moistening for high quality results. Many exclusive features for easy operation and long life.

All moving parts enclosed. Knife and tape path completely protected from dirt, glue, and other foreign matter. Easy to keep clean.

Rugged one-piece chassis frame inside sturdy housing carries complete feed and cutting mechanism. Guarantees permanent alignment of all moving parts for easy, smooth operation.

	Tape Width	Tape Length	Price
TAPESHOOTER 77	3"	Up to 28"	\$43.50

### FLEX-FORM SCREEN TAPE

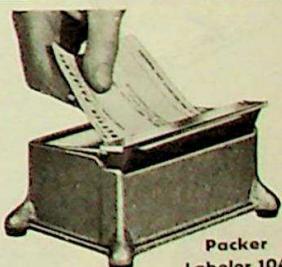
LACQUER PROOF for sealing inside of frames. Water moistening -- possesses extreme tack. Sticks with great tenacity and moulds into crevices. Adheres well to wood, films, and blockouts.

150 YD. X 2" WIDE ROLL -- WHITE  
\$5.50 per roll.

6 rolls, \$5.00 ea. 12 rolls, \$4.85 ea.

50 YD. X 2" WIDE ROLL -- WHITE  
\$1.95 per roll.

6 rolls, \$1.80 ea. 12 rolls, \$1.70 ea.



PACKER LABELOR 104

Label width — 4"  
Shipping wt. — 4 lbs.

Eliminate unsightly sponge cups and rollers from every mail desk with these compact Super Envelope Moisteners. Stainless steel snap-on top. Brush moistener assures thorough edge to edge moistening.

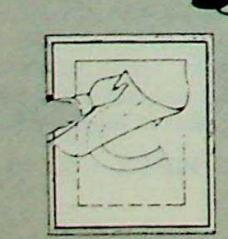
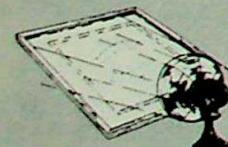
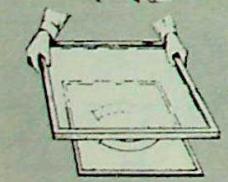
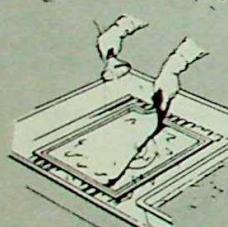
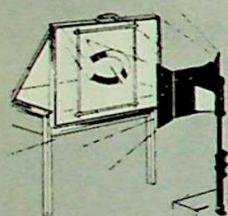
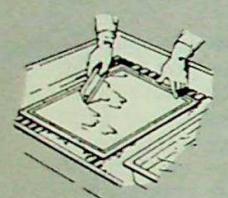
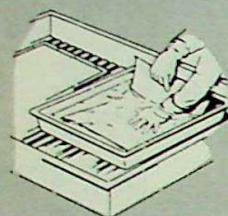
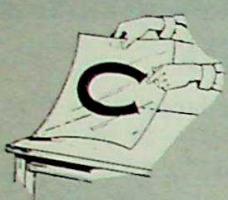
PRICE - \$8.65

**ADVANCE PROCESS SUPPLY CO., INC.**

CHICAGO 12, ILLINOIS U.S.A.

# Basic Processing Instructions For All Photo Stencil Paper

DUE TO VARIATIONS IN PRODUCTS  
AND CONDITIONS LIGHT MODI-  
FICATIONS MAY BE NECESSARY.



**THE POSITIVE** • The positive for printing "Apsco" Photo Stencil Papers may be hand cut, hand drawn, a paste-up, or a photographic film or plate – the only requirement being that the opaque or black areas be completely opaque and that the transparent areas be clean and reasonably transparent.

**SENSITIZE** • The tray used for sensitizing must be chemically clean. DO NOT use trays which have been used for other photographic solutions. Fill the tray to a depth of about 1" with a cool (below 70°F) 2% solution of Potassium Dichromate. Cut a sheet of photo stencil paper at least 1" longer in both dimensions than the positive. Immerse the photo stencil paper, emulsion side up, in the sensitizer and rub the emulsion side at once to remove any air bells which may have formed on the emulsion surface. Sensitize for 3 minutes. Rubber gloves should be used to protect the hands while sensitizing—for Potassium Dichromate, like many photographic chemicals, can cause skin irritation.

**MOUNT ON TEMPORARY SUPPORT** • "Perfecto" Mylar .002", .003" or .005", or calendered Vinylite .005" thick, may be used as temporary supports. Cut a sheet 1", or more, larger than the photo stencil paper and place it on a smooth flat surface. A piece of 1/4" plate glass is best. Wet the support with sensitizer. Position the emulsion side of the photo stencil paper in contact with the support. Squeegee lightly from the center toward the outer edges to remove any air which may be trapped between the emulsion and the plastic. To attach the photo stencil paper firmly to the support, squeegee again with heavy strokes. Wipe off excess sensitizer from the paper back, then turn over and wipe plastic side clean. Inspect to be sure there are no air bells between the emulsion and the plastic.

**EXPOSE** • Position the positive and plastic photo stencil paper sandwich in the print frame with the emulsion side of the positive in contact with the plastic. A piece of cardboard placed between the blanket and the wet paper backing of the photo stencil paper will protect the blanket from moisture. To avoid pinholes in the finished stencil, be sure the print frame glass, the positive and the temporary support are clean and dust-free.

With opaque paper or tape, mask the edges of the photo stencil paper so that a margin at least 1/4" wide on all four edges will remain unexposed.

Carbon arcs, Mercury vapor arcs or black light fluorescent lamps may be used for exposure. Exact exposure times must be determined by tests. As a start, 4 minutes exposure to a 35 amp. arc placed 40" from the print frame will, under average conditions, produce a satisfactory stencil.

**WASHOUT** • Position the exposed photo stencil paper plastic sandwich, paper side up, on a piece of glass which drains into a sink. Flood the paper backing with hot water (110° to 125°F) for 1 minute, then carefully strip away and **DISCARD THE PAPER**. Continue to flood the image on the plastic support with hot water until all soluble gelatin is thoroughly washed out and the water draining from the image is clear. Then chill with cold water, 75°F or below.

**ATTACH TO SCREEN** • Place the stencil on its temporary support, emulsion side up, on a piece of flat absorbent material, which is a little larger than the stencil but smaller than the screen frame. Hold the screen, frame side up, above the stencil and align the stencil and screen as required. Lower the screen into contact with the stencil. Carefully remove the excess moisture on the inside of the screen by blotting with newsprint stock or lintless blotters.

**DRY** • A fan may be used to hasten drying. If humidity is very high, warm air may be needed, but use it only toward the end of the drying period.

**REMOVE TEMPORARY SUPPORT** • When the stencil is thoroughly dry, the temporary support will strip from the stencil easily. Block out the open margins and the screen is ready to print.



**ADVANCE PROCESS SUPPLY CO., INC.**

CHICAGO 12, ILLINOIS U.S.A.

# PHOTO FILM

The following photo films have been rigidly tested and approved by our photo department. Each film varies in characteristics and should be selected according to your individual application.

## MCGRAW 33 PIGMENT CARBON TISSUE

McGraw Carbon Tissue is ideal for making Silk Screens by the photographic process. This Silk Screen Pigment Paper is a standard type of carbon tissue with consistent uniformity and superior working qualities. It is particularly adjusted to the climatic and shop conditions prevailing in this country. It consists of a paper base with a coating of pigmented gelatine compound soluble in warm water. The coating is easy to work with for obtaining fine detail. Supplied in rolls - brownish red in color. Use Potassium Bichromate - 40"x12"

SUPERIOR FOR ALL HALFTONES

1-2 Rolls.....	\$8.50 ea.
3-11 Rolls.....	8.05 ea.
12-49 Rolls.....	7.65 ea.
50-99 Rolls.....	7.20 ea.
100 or more.....	6.80 ea.

## MCGRAW 55 SUPER CARBON TISSUE

A New McGraw Brilliant Red Carbon Tissue. Requires less time for exposure. Wash out is very clean and sharp. Produces a tough flexible screen film. Use Potassium Bichromate Sensitizer. 40"x12".

1-2 Rolls.....	\$10.20 ea.
3-11 Rolls.....	9.65 ea.
12-49 Rolls.....	9.15 ea.
50-99 Rolls.....	8.65 ea.
100 or more.....	8.15 ea.

## McGRAW 66 (Green-Black) Multi Purpose Carbon Tissue

For the ultimate in durability, flexibility and sharp reproduction of fine details.

Per Roll 40" x 12 feet - \$9.00 ea.

## APSCO Super Projection FILM #110 - 60" WIDE

Here's a new photo film to be sensitized with Chromate Compounds and used as other photo films and Carbon Tissue. May be processed wet or dry and reproduced the finest lines and halftone dots. Very tough, flexible, and durable. This film is perfect for protection work directly in camera for 24 sheet poster printers.

While this film is new it has been perfected in constant use for the past two years - You should try this product.

Apsco Super Film: Test Roll 36" x 60" \$ 4.75  
Full Roll 60" x 144" 15.75  
Jumbo Roll 60" x 50' 59.90

## ULANO WET SHOT FILM

A different and advanced method of handling photo screens rapidly and economically. No scum in all climates - good registration and size control - excellent sharpness.

36"x 150"	- roll	- \$14.50
36"x 300"	- roll	- 28.00
36"x28"	- sheet	- 3.25
44" X 300 "	- roll	- \$33.75

## AUTOTYPE CARBON TISSUE

(ENGLISH TYPE)

Autotype Carbon Tissue is a favorite for photographic Silk Screen work. Supplied in rolls - made in England.

No. 1045-2 Green Stencil Pigment Paper per roll  
40"x12'....\$10.50 each

Excellent for fast exposures and long runs. Tough and pliable. Preferable for line work.

Universal Red Stencil Pigment per roll.  
40"x12'....\$8.00 each

This is also a fast printing type. It is excellent for fine detail and halftone work.

No. 104 Black Pigment Paper per roll.  
40"x12'....\$10.50 each

Very sharp. Fine halftone work can be done with this pigment paper.

357 Sciana Brown Imported Very economical.  
40" X 12'.....\$6.60 each roll.  
48½" X 12'.....\$8.40 each roll.  
54" X 12' .....\$12.00 each roll.

Redico/2(Red film on Vinyl)not sensitized.  
41"x12'....\$20.00 each  
41"x25'....\$42.00 each

Victor Presensitized Photo Film.  
41"x150"....\$22.50 each  
41"x300"....\$44.00 each

Screen Strengthener. This Strengthens and Plasticizes the Photo Stencil at the same time. Good for long runs.  
4oz. makes 1qt...\$1.00  
16oz. makes 4qts..\$2.50

Plasticizer - To make Stencils more flexible.  
4oz. makes 1qt...\$1.00  
16oz. makes 4qts..\$2.50

Antiswell Compound for use in our Antiswell System of making stencils resists with the Autotype Pigment Papers. Is added to bichromate sensitizer.

1/4lb. bottle.....\$1.00  
1lbs. bottle.....\$3.60

## ULANO SUPER FOTO FILM

Has vinyl back plastic support. Shoot through backing and develop easily according to accompanied instructions.

36"x 150" - roll - \$14.50

36"x 300" - roll - 28.00

36"x28" - sheet - 3.25

40"x150" - roll - \$16.00

40"x300" - roll - 31.00

**ADVANCE PROCESS SUPPLY CO., INC.**

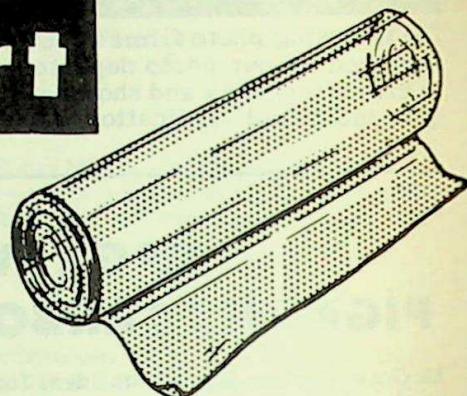
CHICAGO 12, ILLINOIS U.S.A.

# Perfecto clear plastic non-shrink support

A POLYESTER FILM (MYLAR)

A new sturdy inert solvent resistant clear film. Ideal for carbon-tissue temporary supports, art and type layouts, flaps, etc. Superior to Vinyl for this purpose. Will not nick or scratch easily.

Size	Standard 10-yard Roll	Per Running Yard
.002 x 48" wide	\$10.00	\$1.35
.002 x 42" wide	9.00	1.20
.003 x 48" wide	15.00	1.90
.005 x 48" wide	25.00	2.80
.0075 x 55" wide	35.00	4.00



## "PERFECTO" FILM

(A POLYESTER PRODUCT)

HOLDS PERFECT SIZE

Discounts on larger quantities.

### CLEAR ACETATE

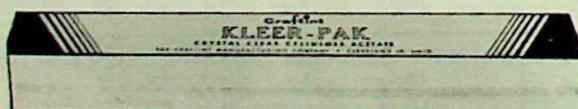
Best quality transparent cellulose acetate absolutely flawless. Recommended for Photo-Lithographers for special drop-out silhouette, halftone work and color plate registry. Available in sheets and rolls in following sizes and weights:

CLEAR ACETATE	.003"	.005"	.0075"	.010"
20" x 50" Sheet	\$ .55	\$ .88	\$ 1.32	\$ 1.87
20" x 12' Roll	1.65	2.48	3.63	5.04
40" x 12' Roll	3.25	4.84	7.04	9.90
20" x 50' Roll	6.60	9.90	14.58	20.63
20" x 100' Roll	12.65	19.25	28.60	40.70
40" x 50' Roll	12.10	18.98	28.33	40.43
40" x 100' Roll	23.65	37.40	56.10	80.30

### MATTEX ACETATE

A transparent cellulose acetate sheet. Strong, substantial and very easy to handle. One side perfectly smooth and the other side slightly grained. Dull surface takes crayon, water colors, writing ink, pencil and printing ink perfectly. Will withstand erasing without leaving the faintest trace. Available in sheets and rolls in the following sizes and weights:

MATTEX ACETATE	.003"	.005"	.0075"	.010"
20" x 50" Sheet	\$ .66	\$ 1.05	\$ 1.49	\$ 2.10
20" x 12' Roll	1.87	2.75	3.96	5.50
40" x 12' Roll	3.74	5.50	7.70	10.56
20" x 50' Roll	7.43	11.00	15.95	22.28
20" x 100' Roll	14.30	21.45	31.63	44.00
40" x 50' Roll	14.03	21.18	31.08	43.18
40" x 100' Roll	27.50	41.80	61.60	85.80

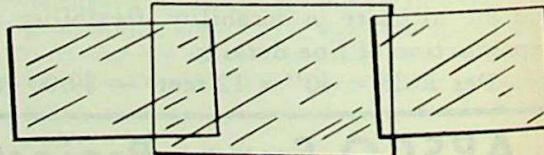


(Extra Thin)

### KLEER-PAK ACETATE No.88

A crystal clear transparent Cellulose Acetate packaging material for covering drawings, packages, etc. Moistureproof waterproof, and ideal pressroom item for pulling proofs and checking plate registry. Does not become brittle. Does not shrink or stretch. Available in cutter-edge boxes in the following size roll:

20 inch x 100 feet Boxed....\$2.90 per roll



### CLEAR VINYLITE

Vinyl sheeting is a dimensionally stable clear plastic. It is unaffected by moisture and temperature changes. It is widely used for accurate pastups, separations and temporary photo film supports.

Size	Thickness	1	2-5	6-11	12-24
21" x 51"	.010	\$1.60	\$1.44	\$1.25	\$1.20
36" x 48"	.010	4.00	3.80	3.50	3.30
50" x 70"	.010	7.75	7.25	6.75	6.20



ADVANCE PROCESS SUPPLY CO., INC.

CHICAGO 12, ILLINOIS U.S.A.

# PRE-SENSITIZED PHOTO FILMS

## "HI-FI" GREEN

Quick-Working, Ready-to-Use, All-Purpose Foto Film. ONLY 4 STEPS: EXPOSE — DEVELOP — WASHOUT — ADHERE; No Darkroom • No Chromates • Holds Perfect Register • Excellent Adhesion • Transfers Finest Detail • Easily removable from screen • ECONOMICAL • Reliable.

"HI-FI" GREEN KIT contains

2 SHEETS OF FILM 10" x 12"

- DEVELOPER A & B

- 1-JAR HEAVY BLOCK-OUT

- "HOW TO USE" INSTRUCTIONS

\$3.45 complete

## "HI-FI" RED

HEAVY-DUTY, INDUSTRY-PROVED FOTO FILM with all the great features of "HI-FI" GREEN... "HI-FI" RED makes screens on wire and silk that are PERMANENT, FLEXIBLE and almost indestructible!

A film for industrial use — for the tough job — for the longest run — for screens that must be stored. Try it on your next tough job.

## CRAFTINT PHOTO-STENCIL FILM

### (PRE-SENSITIZED)

CRAFTINT Photo-Stencil Film is pre-sensitized and requires no treatment before exposure. This permits a high degree of standardizations in exposure time and stencil film depth.

Based on an entirely new chemical system, Craftint pre-sensitized Photo-Stencil Film is completely stable under average storage conditions. Employment of this new system requires only a short development after exposure and before wash off.

Craftint Photo-Stencil Film is a light sensitive material and must be kept away from random effective light until after development has begun. It is perfectly safe under ordinary incandescent lights (40 to 60 watt lamps) for as long as 30 minutes and in very subdued daylight for several minutes. Direct sunlight, mercury vapor and certain fluorescent lights are particularly harmful. However, it is never necessary to handle the film in stray light for more than a few moments since the film is taken from the light-proof package and placed directly in the printing frame. After exposure it is immediately placed in the developer solution where it very quickly loses its sensitivity.

### CRAFTINT PRE-SENSITIZED PHOTOGRAPHIC SILK SCREEN STENCIL FILM AND ACCESSORIES

10" x 12" Sheet-----	\$1.00
10" x 12" Sheets Pkg. of 12-----	9.60
20" x 24" Sheet-----	3.50
20" x 24" Sheets Pkg. of 3-----	9.00
42" x 36" Sheet-----	7.80
42" x 108" roll---3 sheets-----	23.40

Introductory Kit----- 2.85  
Contains 2 - 10" 12" Sheets, chemicals and instructions

Developer (conc. powder)----- Qt. \$1.00 Gal. \$3.25  
Hardener----- Qt. \$1.00 Gal. \$3.50

### SOLVENTS FOR REMOVING STENCIL FILM FROM SILK (Both Required)

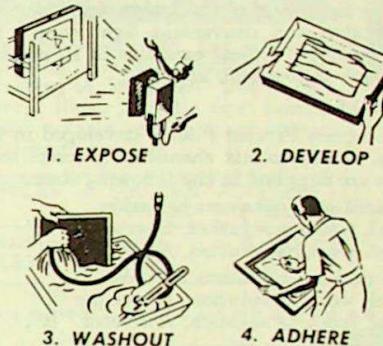
Per Qt. Per Gal.

Solvent Solution A	\$2.00	\$7.50
Solvent Solution B	3.00	11.00

### TOUGHENING AND WATERPROOFING SOLUTIONS for PHOTOGRAPHIC STENCILS (Both Required)

Per Qt. Per Gal.

Solution No. 11 (Toughening)	\$2.75	\$10.00
Solution No. 22 (Neutralizing)	1.75	6.00



"HI-FI" RED KIT contains

2 SHEETS OF FILM 10" x 12"

- DEVELOPER A & B

- 1-JAR EXTRA HEAVY BLOCK-OUT

- 1-JAR C-21 CONVERSION SOLVENT

- "HOW TO USE" INSTRUCTIONS

\$4.95 complete

### ULANO "HI-FI" PRESENSITIZED FILM - ROLLS

PRICE SCHEDULE	40x150*	40x300**
"Hi-Fi" Green	\$22.50	\$44.00
"Hi-Fi" Red	30.00	59.00

\*40x150 equals 4-1/6 yards.

\*\*40x300 equals 8-1/3 yards.

Sheets - 20 x 30 3 to a tube 12 sheets flat 24 sheets flat			
"Hi-Fi" Green	\$3.20	\$3.10	\$2.90
"Hi-Fi" Red	4.00	3.90	3.70

All prices are per roll and per sheet prices.

ULANO C 21 Conversion Solvent.. \$3.15 per qt.  
\$11.00 per gal.

### ULANO "HI-FI" DEVELOPER PRICE LIST

To make a pint..... \$ .80 per set  
1 ounce "A"\*\*  
1 ounce "B"\*\*

To make a gallon..... \$1.80 per set  
1/2 pound "A"  
1/2 pound "B"

To make 3 gallons..... \$3.90 per set  
1-1/2 pounds "A"  
1-1/2 pounds "B"

To make 20 gallons..... \$20.00 per set  
10 pounds "A"  
10 pounds "B"

\* one set equals "A" and "B"

**ADVANCE PROCESS SUPPLY CO., INC.**

CHICAGO 12, ILLINOIS U.S.A.



# SCREEN PROCESS FILM

DuPont Screen Process Film is a camera speed photographic material, coated on a vinyl supporting base, from which it is stripped after processing to become the actual stencil for screen process printing. Because of its unique characteristics, Screen Process Film may be exposed in a camera, by projection, or by contact.

## CONTACT EXPOSURE

Vacuum printing frames are recommended. Pressure frames providing good even contact are also satisfactory.

Place the Screen Process Film in the printing frame emulsion side down with the BASE (pebbled) side toward the printing light. Place the film positive on top of the Screen Process Film emulsion side down with the base (shiny) side toward the light source. Expose through the base side of the film positive.

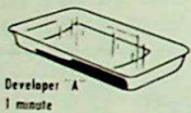
A yellow light bulb of the insect repellent type is an effective and convenient light source for contact printing. Typical exposure is 10 seconds for a 60-watt yellow bulb at 6 feet.

## \*Yellow Bulb .30ea.

### CHEMICALS



### DEVELOPING



### TEMPERATURE of SOLUTIONS

## White Light Processing



### CHEMICALS

DuPont Screen Process Film is developed in two solutions. Ready-to-mix chemicals to make these solutions are supplied in the following sizes:

#### Combination Containers to make:

- 1 gal. working solution, Developer "A"
- 1 gal. working solution, Activator "B".

#### Combination Containers to make:

- 5 gal. working solution, Developer "A"
- 5 gal. working solution, Activator "B".

#### Single Containers to make:

- 1 gal. and 5 gal. of working solution,
- Developer "A".

#### Single Containers to make:

- 10 gal. of working solution, Activator "B".

### DEVELOPING

1. Place the exposed sheet of Screen Process Film in a tray of Developer "A" and wet thoroughly to remove air bubbles. Then agitate frequently for one minute.
2. Place the film directly into a tray of Activator "B" and agitate frequently for one minute. (The developing action takes place during this step and a black image will form rapidly.)
3. Remove the film from Activator "B" and rinse immediately in a tray of water for 10 to 20 seconds.
4. Rinse the film in a 5% acetic acid stop bath for 15 to 20 seconds. (A 5% acetic acid stop bath may be made by diluting 23 ounces of 28% acetic acid in one gallon of water, or by diluting 6½ ounces of glacial acetic acid (99%) in one gallon of water.)

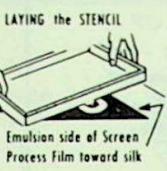
Incorrect processing may not alter the photographic densities observed in the washed-out stencil, but final adhesion to the screen may be impaired. Developer "A" should be discarded if it becomes dirty or is greatly reduced in level by evaporation. Activator "B" should be discarded daily, or when it has developed 50 square feet of film per gallon. Oxidation (turning brown) of Activator "B" has no appreciable effect on development.

If it is not possible to keep solution temperatures within the 65° to 75° F. range, the following adjustments are recommended.

TEMPERATURE	TIME IN "A"	TIME IN "B"
80° F.	50 seconds	45 seconds
90° F.	40 seconds	30 seconds

### WASHING OUT THE STENCIL

Unexposed, unhardened gelatin is removed from Screen Process Film by spraying with water at 110° to 120° F. Place the film on a drainboard or the back of an upturned tray and let water from the spray fall directly onto the emulsion side. When the film is cleared, it is ready for the lay-down onto the silk screen. Washing away of the image from the vinyl base indicates underexposure.



### PREPARATION OF SILK

The screen material must be absolutely clean and free of inks and solvents or the stencil will not adhere properly. New silk should be cleaned after mounting on the frame to remove oils and sizing. Clean with a solvent followed by a wash (with brushing) using a commercial detergent. Then remove all traces of the detergent by flooding the screen with water.

### LAYING THE STENCIL

Place the wet stencil, emulsion side up, on the silk. Then carefully place a clean, wet silk cloth in contact with the stencil and cover it with a wadded cloth. Blot up excess water by a firm stroke on the paper, applying pressure to make good contact between the stencil and the screen. Use several applications of paper. Then, weight the edges of the stencil to allow to dry.

### DRYING

The screen may be allowed to dry at normal temperature or forced drying can be accomplished by directing room air (or heated air) on the screen by use of a fan. Drying can be further accelerated by directing infrared lamps on the screen from a distance of several feet. If this method is used, air motion must be provided by a fan. Drying is normally completed in about 20 minutes.

### STRIPPING OFF BASE

When the stencil is thoroughly dried, the base may be stripped off by carefully lifting one corner, then rolling the base back and away from the stencil. The stencil can be masked in the manner and the screen is ready for printing.

### DU PONT SCREEN PROCESS FILM

SIZE (inches)	Sheets Per Pkg.	List Price
8 x 10	25	\$10.80
11 x 14	10	8.75
14 x 17	25	20.35
16 x 20	10	13.35
20 x 24	25	31.05
24 x 30	10	17.85
		41.55
		26.85
		62.45
		38.85

Other Sizes Available.

### ROLL SIZES

* 45 inches x 15 feet	42.20
* 45 inches x 100 feet	253.15

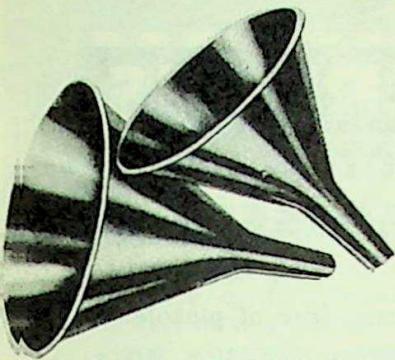
### \* Untrimmed

### \*Yellow Bulb

CHEMICALS	Per Case	List Price	List Price
DEVELOPER A		UNIT	CASE
1 gallon	20	\$1.15	\$20.70
5 gallons	8	4.50	32.40
ACTIVATOR B			
10 gallons	4	3.20	11.50
DEVELOPER A and ACTIVATOR B			
1 gallon	12	1.35	14.60
5 gallons	4	5.30	19.10

**ADVANCE PROCESS SUPPLY CO., INC.**

CHICAGO 12, ILLINOIS U.S.A.



### FUNNELS

Fine spun stainless steel funnels -- made in one piece for durability easy to clean -- fluted for faster fill.

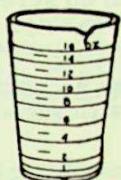
#### FUNNELS

No.	Size	Price
80-F	4"	\$4.95
81-F	5"	5.60
82-F	6"	6.10

### PRESSED GLASS MEASURING GRADUATES

Easy pouring, strong moulded glass. Graduated markings in ounces.

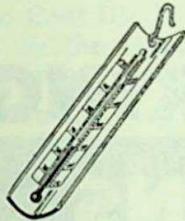
Size	Price
2 oz.	.65
4 oz.	.70
8 oz.	.80
16 oz.	1.10
32 oz.	1.75



### TRAY THERMOMETER

All stainless rust proof unit with accurate graduations from 30 to 130 F. Handy hook clip keeps thermometer where you want it.

Cat. #M-39 Price \$1.75



### GLOVES

An all Neoprene Heavy duty pair of gloves used for handling chromate screen sensitizers. Also many other chemical and industrial uses - 10 1/2" long.

1 pair - Size 10 . . . . .	\$2.75
3 pair - Size 10 . . . . .	\$7.25



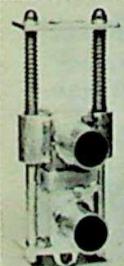
### RANGER JETT VACUUM VALVE

Adaptable to all Vacuum Tables  
Uses Ordinary Vacuum Cleaner Pump

The Ranger Jett is constructed of steel which is protected from rust and corrosion with a cadmium plate finish. The steel slide rods used are hard chrome-plated to reduce friction and wearing.

The bushings are oil-impregnated bronze, for trouble-free action. The rubber gasket which receives no turning or sliding friction need never wear out.

PRICE \$29.95



### GRADUATED MEASURE AND BEAKER

RAISED stainless steel letters for more legible reading. Graduated in ounces and cubic centimeters. Made in one piece of spun stainless steel.

CAP.	SIZE	CC.	PRICE
80- 8 Cap.	8 oz.	250 c.c.	\$5.00
80-16 Cap.	16 oz.	500 c.c.	5.75
80-24 Cap.	24 oz.	750 c.c.	6.25
80-32 Cap.	32 oz.	1000 c.c.	7.00

### PUTNIK GLUE

Excellent adhesive for dipping, spraying, roller coating, and brushing on Styrofoam. Use to adhere flock, tinsel, and beads. Water soluble when wet, yet water-resistant when dry.

PRICES .. SPUTNIK ADHESIVE	#62663	Price
Quart	Gallon	5 Gallon

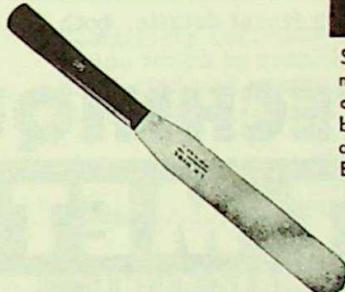
\$1.80	\$5.75	\$5.25
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### HEAVY DUTY E-Z CAN OPENER



This machine has been tested and adjusted to cut all types of cans. If it is properly used it will cut thousands of cans.

Complete with Mounting Bracket . . . \$9.95



### INK SPATULAS

Spatulas are especially useful in mixing colors and in cleaning paint cans. Special high carbon alloy steel blade, expertly tempered to proper degree of flexibility.  
Blade Lengths:

Size	Price
4"	\$1.00
6"	1.15
8"	1.30
10"	1.80
12"	2.75

### PAINT SCRAPER

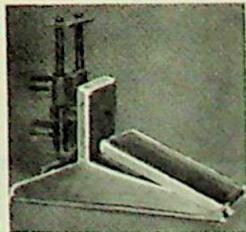
A 3" wide spring steel blade with hard wooden handle. Excellent for removing paint from cans. Also cleaning paint out of screens.

PRICE \$.95 each



### FOOT PEDAL ATTACHMENT

For Ranger Jett Vacuum Valve



As a companion item a foot pedal attachment is offered. It is constructed of heavy gauge metal with a dimenso finish. The foot pedal arrangement is a great asset to the processor printing curled stock (such as decal papers) which is difficult to register. This arrangement also is applicable to vacuum frames for photocopying, etc.

PRICE \$4.95

**ADVANCE PROCESS SUPPLY CO., INC.**

CHICAGO 12, ILLINOIS U.S.A.



# NEW TECHNIQUES for PHOTO SCREENS THAT PRODUCE PRACTICALLY INDESTRUCTABLE SCREENS

For many years the processor has searched for basic materials to make a screen more durable and yet resistant to the solvents employed in the Screen Process Color to be used. Longer screen printing runs which are now a reality with increased mechanization created a huge demand for the Super Screen.

Direct Method Screens have the following advantages compared with photographic films:

1. It is a direct coating process on the screen giving results equal to a carbon tissue screen, but is far more resistant to abrasion and outlasts carbon tissue five to one.
2. Easy to apply.
3. Gives much better adhesion, particularly on NYLON DACRON and WIRE MESHES.
4. Photographs sharply reproducing finest details, both line and halftone.

5. Provides a solid uniform coating free of pinholes and bubbles.

6. Screen washes out easily and cleanly over the entire design.

7. Film on screen is much tougher, more pliable and longer wearing.

8. More economical to use considering long wear obtained with screens.

9. Screens can be coated in a dim light.

● SEE PAGE 83 FOR COATERS AND EXPOSING UNITS

● SEE PAGE 82 FOR DM EMULSIONS

## GENERAL TECHNIQUES FOR MAKING DIRECT METHOD SCREENS

### ● Preparing Sensitizing Solution -

Dissolve 4 oz. Ammonium (or alternately Sodium Dichromate) in one quart of water. Sensitizer will last a long time, if kept in a closed amber bottle.

### ● Screen Coating Mix -

Thoroughly mix one part Sensitizing Solution to five parts of emulsion. Mixing can be done under ordinary conditions.

### ● Coating Screen -

Coating of the screen may also be done under average electric lighting. Pour the prepared coating mix near one end of the screen, and scrape up, using a smooth metal, wood or plastic scraper. Allow to dry before application of the second or third coat. Use of a fan would speed up drying. Most screen makers prefer to apply the first coat to the inside of the screen, the second coat to the outside, and a third coat, if desired, also to the outside of the screen. Excess sensitized coating mix may be used to block out the rest of the screen, or it will keep for two weeks, if stored in a tightly covered amber colored bottle.

### ● Exposing Screen -

Emulsion may be exposed with fluorescent light, photo floods, or carbon arc. A suitable first try would be to expose for four minutes with fluorescent tubes, four inches below the glass of the exposure table. Make sure there is a good contact between the glass, the

positive and the coated screen. One way to insure a good contact is to place a sheet of 1/4" foam rubber across the pattern, cover with a stiff board, or masonite, and set a weight on the masonite.

### ● Washing Exposed Screen -

Cold or warm water may be used to wash out unexposed portions. Wet both sides of the screen and spray to develop pattern. Because of its toughness, high pressure spray can be used to develop even the finest detail.

### ● Drying the Developed Screen -

Remove excess water by blotting with newspaper, and set aside to dry or dry with a fan. Block out the rest of the screen and it is ready to use.

### ● A few simple Precautions -

Keep emulsion in a capped container when not in use. Do not allow to freeze. After long standing, stir before use. Emulsion will last indefinitely, if these precautions are followed.

● Emulsion is essentially an adhesive resin, formulated in laboratories, where knowledge and experience enables the development of many uses for it, in many industries.

### ● Removing

Use IDC-3 Remover for removing all DM emulsion from Nylon, Dacron and Stainless Steel screens.

# DIRECT METHOD EMULSIONS

For sharp edge printing and clean, sharp impressions on medium or fine mesh screens. These emulsions work well on any fabric -

- SILK • DACRON • WIRE MESH • NYLON • ORGANDY  
USE ON ALL SCREENS FOR -
- DISPLAY ADVERTISING • TOYS & NOVELTIES • RADIO & TV  
• GLASS DECORATING • WALLPAPER • TEXTILES
- DECALCOMANIAS • PLASTICS • ELECTRONIC PARTS  
• COSMETIC PACKAGING

## PHOTO COAT DIRECT METHOD EMULSION

### DM-259

This Emulsion reproduces an image without any distortion -- an important and desirable feature for fine multi-color registration. The image is as sharp as with the film method. These photo emulsions "bridge" the meshes.

Photo Coat DM-259 is the most versatile Photo Emulsion on the market. It is equally good when the screen is used for any of the following:

- Oil Colors                      • Synthetics
- Lacquers                        • Ceramic Colors

Quart - \$3.95

Gallon - \$11.50

## PHOTO COAT DIRECT METHOD EMULSION

### DM-265

Not recommended for exceptionally long runs, but is completely lacquer-proof. This emulsion is the same as above except that it is recommended for extra strong vinyl thinner and lacquer solutions. (Less flexible than above.)

Quart - \$4.25

Gallon - \$11.50

## NU-SOL 1B

NU-SOL 1B coats a tough, resilient, durable, photo-sensitive film on screens of silk, nylon and other fabrics and on meshes of steel and other metals.

NU-SOL 1B may be applied on meshes running from 74-mesh (#6) to 200-mesh (#25).

NU-SOL SOLUTION # 1B  
including sensitizer

\$16.50 per gallon

\$5.00 per quart

## APSCO DIRECT EMULSION REMOVER IDC-3

Brush the remover over emulsion to be removed. Allow to stand for five minutes and then rinse off with water. Use only on synthetic mesh and metal screens.

To wash out silk allow to stand 1 minute

Quart - \$2.25

Gallon - \$7.95



## Precision DIRECT EMULSION Coater

No more guesswork as to how many times to coat a screen for the proper thickness of emulsion.

The end result of screen prepared with a PRECISION COATER is that the emulsion does not dry flat but instead is about .004 below the silk and does not follow the mesh of the silk.

PRECISION COATERS are machined from long lasting Aluminum and can be obtained in these sizes ----

6"	\$4.00	30"	15.00
12"	6.00	36"	18.00
18"	9.00	48"	24.00
24"	12.00		

Special sizes up to 6' on request

## APSCO EMULSION B-192 green

Completely resistant to all solvents. A deep green emulsion which is excellent for carding on the silk. Use as instructed and expose to ARC lamp. Washout by using hose or spray of mild water.

Emulsion # B-192

Quarts.....\$4.25      Gallons.....\$14.50

## "SCREEN STAR" PHOTO EMULSION No. 71

"Screen Star" is an all purpose photo emulsion especially developed to facilitate and speed up silk screen processing. Simple preparation of screen coating mix and application to the screen can be done under average--non-fluorescent -- electric lighting conditions.

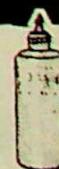
Features include: BRIEF SCREEN EXPOSURE with fluorescent light, photo floods, or carbon arc. EASY WASHOUT of unexposed sections of exposed screen with just cold or warm water. HARD WEARING SOLVENT. WATER-RESISTANT. ADHERES equally well to wire cloth and other screen fabrics. EXACT REPRODUCTION OF FINEST DETAILS -- even half tones. TOUGH AND RESILIENT coating allows great number of impressions -- exceptionally long runs. DOES NOT DETERIORATE WHEN KEPT IN A CLOSED CONTAINER, therefore, no waste.

Quart ..... \$4.00      Gallon ..... \$15.00

## POLYETHYLENE SQUEEZE BOTTLE

IDEAL FOR SEALING BETWEEN FRAME AND SILK.

JUMBO SIZE \$1.25 ea.



**ADVANCE PROCESS SUPPLY CO., INC.**

CHICAGO 12, ILLINOIS U.S.A.

# PROTECT YOUR PERSONNEL... PERFECT YOUR PRODUCT...



Chemical Handling      Tinting and Dyeing      Electronics      Radiation Labs

## HANDGARD GLOVES . . .

*Save Men, Minutes and Money 4 Ways . . .*

1. Protection of Personnel — from harmful chemicals, solutions — prevents skin disorders of hands.
2. Protection of Product — where perspiration can be hazardous to delicate surfaces, components.
3. Maximum Dexterity — fingertip sensitivity permits bare-handed "feel"; no loss of touch.
4. Economical — cost pennies apiece, can be disposed of after one use, or reused as desired.

At last there is a practical answer to the need for protection of workers and the materials with which they work. In this age of electronics, atomics, and aeronautics, tolerances have become so fine that the moisture of a fingerprint can spell the difference between success and failure.

Featherlight HANDGARD Gloves provide complete protection from contamination to both the worker and his work. Watertight, moisture-proof, easy to apply HANDGARD Gloves fit smoothly on the hands, do not hamper activities requiring maximum manual dexterity.

Inexpensive HANDGARD Gloves can be used once and thrown away when soiled or contaminated, yet are sturdy enough to be reusable as desired. HANDGARD Gloves come in a range of weights, lengths and sizes — there is one just right for your needs.

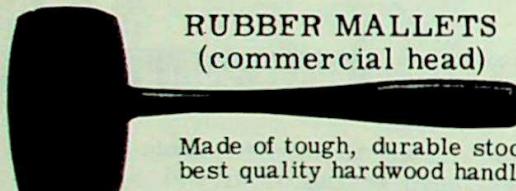
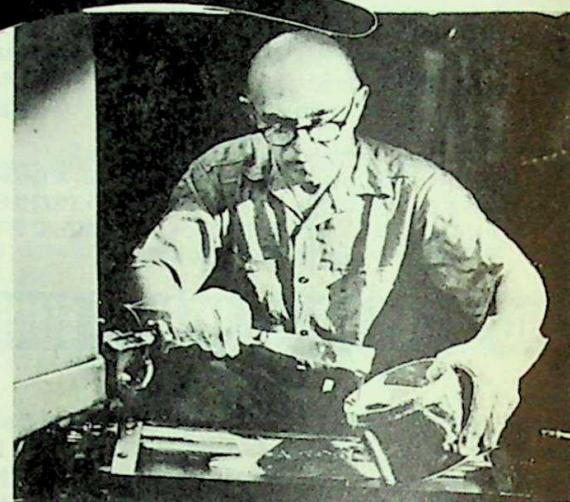


20¢ EACH PAIR

BULK PACK  
1000 GLOVES  
\$39.00

Code	Description	Gauge	Per Shpg. Case	Wt. Per Shpg. Cs.	List
IR-48	Roll of 48 gloves	1 1/4 mil	48 rolls	31 lbs.	\$2.95 per roll
IR-144	Roll of 144 gloves	1 1/4 mil	24 rolls	44 lbs.	7.95 per roll

SIZES: Large (9-11); Medium (7-9). COLORS: Clear only. 10% DISC. ON CASE



## RUBBER MALLETS (commercial head)

Made of tough, durable stock with best quality hardwood handles.

A well balanced Mallet for closing cans or any job where marring is a problem.

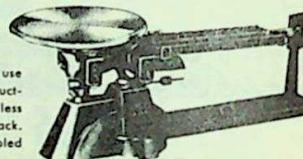
PRICE  
\$1.95

Length Handle 9-3/4"  
Approximate Weight  
with Handle 16oz.

## TRIPLE BEAM BALANCES

### Triple Beam Balances with Stainless Steel Plate and Beams

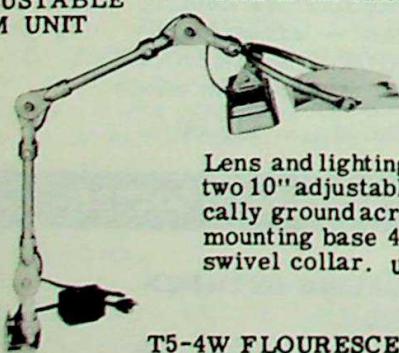
These balances are suitable for general laboratory use as well as many industrial applications. The unobstructed stainless steel plate and the relief etched stainless steel beams render them resistant to corrosive attack. These balances have unusually high capacity coupled with fine sensitivity.



Standard	Beam Calibrations				Total* Cap.	Sensi- tivity	Plate Dia.	Model No.	Price Without Att. Weights
	Units	Front	Rear	Center					
Metric	Grams	10 x 0.1	100 x 10	500 x 100	2610	0.1 gram	6"	750 S	\$19.15
Avg.	Oz.	1 x 1/64	1 x 0.01	16 x 1	5 lb. 2 oz.	0.01 oz.	6"	850 S	\$25.10

## OPTA-VUE VIEWERS for precision tasks

### MODEL-A ADJUSTABLE ARM UNIT

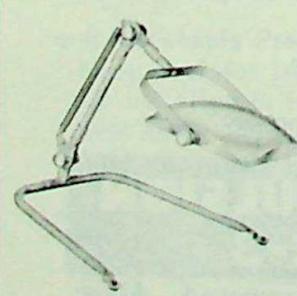


Lens and lighting unit suspended from two 10" adjustable arms. 6"x6" optically ground acrylic lens. Universal mounting base 4-1/2" high with 360° swivel collar. Uses 2 Bulbs

\$48.00 Less Bulbs

T5-4W FLOURESCENT LAMPS \$1.35 ea.

### MODEL CS PORTABLE STAND UNIT



Lens suspended on a 1/2" steel tubular stand with rubber feet. Overall size 12"x10"x9" high. Beautifully finished in Hammerine Metallic Silver.  
12"x15"x9" high      \$31.60  
6"x6" OPTICALLY  
GROUND ACRYLIC LENS

**ADVANCE PROCESS SUPPLY CO., INC.**  
CHICAGO 12, ILLINOIS U.S.A.

SUPER CONCENTRATE

## GEL-O-SOLVE

ENZYME DIGESTOR

CARBON TISSUE REMOVER



A revolutionary new method of removing photographic gelatin from Silk Screens. A neutral, non-toxic, organic material. GEL-O-SOLVE solubilizes the most tightly fixed gelatin and enables it to be readily flushed out of the silk. One teaspoonful will salvage as many as six average screens. Harmless to silk -- leaves it like new. Does not irritate even tender skin.

Neutralize with Mild Acid after film removal.

1 pound jar.....	\$4.50 ea.
3-1 pound jars....	4.10 ea.
6-1 pound jars....	3.95 ea.
12-1 pound jars..	3.85 ea.

## Stainless Steel Mesh Prep no. 24

A newly developed cleaning solution for all stainless steel meshes. Removes all grease and impurities from surface. Permits better adhesion of films and solutions.

Quart.....	\$1.50
Gallon.....	3.95
5 Gallon.....	3.70

Use Wire Clog  
Removing Brush  
With Above Item.

### POTASIUM

## Dichromate Sensitizer

Now Dichromate Sensitizer is available in new 2-1/2oz. plastic containers. Assures a uniform sensitizing solution.

NOW  
PRE-MEASURED  
TO MAKE  
1 GALLON OF  
SOLUTION,

FOR CARBON TISSUE

1 package - \$ .33 each
1 dozen packages - \$ .31 each

## APSCO Film Hardener No.IDC-1

Hardening APSCO Super Films increases the water resistance and toughens screen.

This is a specially prepared solution which is used after mounting of direct and indirect method photo screens.

Brush Hardner # IDC-1 on inside of silk immediately after film has been developed and mounted. Blot dry by rolling newsprint over surface until a definite tack occurs. Blow warm air across screen to final dry screen.

Price per Quart .....	\$2.40
Price per Gallon.....	8.50

CARBON TISSUE

## Stencil Remover

NEW COLORGRAPH

STENCIL REMOVER

REMOVES STENCILS

WITHOUT DAMAGING SILK



New Colorgraph Stencil Remover saves valuable shop hours in removal of photo stencils without injuring the silk. Easy to use, very low in cost.

TISSUE REMOVER	Quantity	Price Each
BULK	1 - 1# can	\$1.65
10# \$12.00	3 - 1# cans	1.55
25# \$25.00	6 - 1# cans	1.45
50# \$46.00		

## KODALITH FIXER

1 gallon size Kodalith Fixer..	\$ .65 pkg.
5 gallon size Kodalith Fixer..	2.85 pkg.

## KODALITH DEVELOPER

2 gallon size Kodalith Developer.....	\$2.00 pkg.
10 gallon size Kodalith Developer.....	8.60 pkg.

## MESH PREP No. 35 (POWDER)

A classic detergent compound for preparing all meshes for photo screens.

Removes all grease and oils from fabrics and metal meshes. No further treatment is necessary and no residue is left on screen. Mesh Prep 35 is guaranteed to wash out clean leaving no abrasions or residue. Just brush down mesh with Mesh Prep 35 and rinse off with warm water.

1# Pkge. - \$ .75	10# Pkge. - 3.50
5# Pkge. - 2.00	25# Pkge. - 6.00

## "SCREENO" SS-62

## Silk Cleanser

A concentrated Silk Cleanser preparatory. This product is recommended highly as the very best obtainable for removing sizes and oils from new and reclaimed screen fabrics. We guarantee that you'll obtain better adhesion of all water soluble hand cut and photo screens if the silk is first treated with "SCREENO". Rinse thoroughly.



Screno Silk Cleanser # SS-62

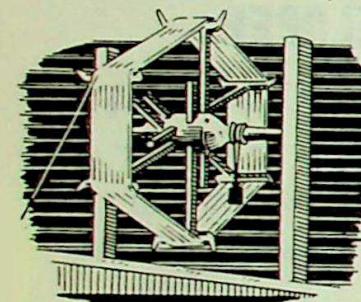
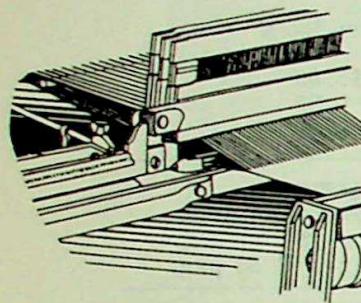
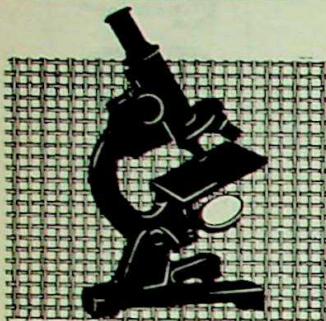
1 lb. Sprinkler Can..	\$ .50 ea.	25 lb. Drum. \$6.75 ea.
1 lb. Sprinkler Can..	5.00 dz.	50 lb. Drum. 10.00 ea.
8 lb. Can.....	2.65 ea.	100 lb. Drum. 18.00 ea.



**ADVANCE PROCESS SUPPLY CO., INC.**

CHICAGO 12, ILLINOIS U.S.A.

# SILK SCREEN and WOVEN FABRICS



Development in Screen Process Fabrics has been very rapid. Many new man-made fibers have been found to possess superior qualities and greater durability. Stainless metal meshes have been extremely popular because of their sharpness, uniformity and accuracy.

Industrial specifications require greater durability for longer runs and extreme accuracy of specialized applications, electronics, dials and four color process have demanded controlled ink deposits and rigid screen size control.

We can foresee a greater use of synthetic fabric in all widths and mesh counts to replace silk.

The industry is moving ahead.... We feel a deep responsibility to the trade and offer from stock the newest items as well as the old stand-bys. You will find therefore in the following pages a much greater selection of domestic and imported Screen Process Fabrics.

Consult Us on Your Screen Process Mesh Requirements..... and feel certain that we will furnish you with the very latest technical data available..... the best quality and service.. and the very lowest prices.

## PROCESS SILK AND WOVEN MESH GUIDE

The various mesh counts of process silk are identified by number indicating threads per lineal inch.

NUMBERS	MESH COUNT	PRINTING GUIDE	TYPE OF SCREEN
6XX	74	Felt printing, Adhesives, Clear coats, Heavy coatings.	Hand-Cut Films Paper and Plastic
8XX	86	Solid coatings, Textiles	All Hand-Cut Films Course Touche and Washout effects
10XX	109	Textiles, Display, Showcard, Banner, Poster printing	Hand-Cut Films Washout and Touche Methods
12XX	125	Posters, Showcards, art, Reproduction, Wallpaper	Hand-Cut Films, Fine Touche and Washout methods Photo screens
14XX	139	General Screens, Fine detail	Hand-Cut Films Photo Screens
16XX	157	Photo Halftones, Very fine detail-Sharp Reproduction	Photo Screens
17XX	164	Halftones, Very fine detail, Low build up applications Dials	Photo Screens
25XX	200	Gold Ceramic Printing	Photo Screens



**ADVANCE PROCESS SUPPLY CO., INC.**

CHICAGO 12, ILLINOIS U.S.A.

# The SUPER VALUE FABRIC

GENUINE

\*APS CO - DURO

DOMESTIC

SILK

\* CLEAR

\* UNIFORM

\* DURABLE

High Quality Domestic Silk At  
Low Import Prices

MESH	COUNT	APERTURE	40"	50"	60"
6XX	75	.0096"	\$2.94	\$3.95	\$4.87
8XX	86	.0080"	3.05	4.05	4.95
10XX	106	.0063"	3.40	4.31	5.23
12XX	123	.0049"	3.58	4.68	5.78
14XX	135	.0046"	3.85	5.23	6.24
16XX	154	.0038"	4.60	6.33	7.35

It's the new sensation of the industry . . .  
and becoming more popular all the time!  
The results of using this low cost silk are  
amazing — you have to see it to believe it.

#### TRADE DISCOUNT SCHEDULE

1 yard	Net
2 to 9 yards	L10%
10 to 19 yards	L15%
20 to 29 yards	L20%
30 yards and more	WRITE

- High tensile strength
- Perfect, even mesh construction
- Clear, faultless transparency
- Excellent durability
- Full mesh count and denier

\* WRITE FOR SAMPLE BOOK NO CHARGE

 ADVANCE PROCESS SUPPLY CO., INC.  
CHICAGO 12, ILLINOIS U.S.A.

# SILKS FOR SCREEN PROCESS

## APSCO FINEST DOMESTIC SILK

TAFFETTA  
WEAVE

The highest grade imported raw silk is used in the manufacture of "Apsco" Process Silk. Tremendous tensile strength, perfectly even mesh construction and clear transparency make this fabric perfect for Silk Screen Process work. This is the most widely used Silk Screen printing fabric.

MESH	COUNT	Opening Dec. of Inch	42" WIDE	50" WIDE	55" WIDE	60" WIDE	66" WIDE
2XX	54	.0142			\$ -	\$ 5.90	-
6XX	74	.0092	\$4.05	\$5.20	\$ -	6.10	\$ -
8XX	86	.0080	4.35	5.45	5.80	6.40	-
10XX	108	.0062	4.50	5.85	6.25	6.90	7.55
12XX	124	.0047	5.10	6.55	6.95	7.70	-
14XX	138	.0039	5.80	7.60	-	9.20	-
15XX	146	.0034	6.05	-	-	-	-
16XX	154	.0034	6.50	8.35	-	10.05	-
17XX	162	.0032	7.55	-	-	-	-

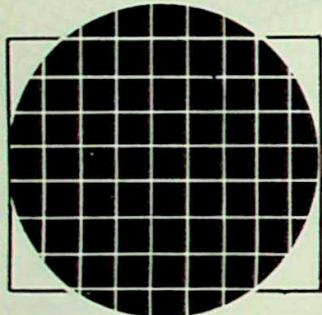
Duro

JAPANESE

SILK

TAFFETTA  
WEAVE

All pure silk fabric is used in the manufacture of Duro imported screen process fabric. This is a very high quality silk. Toughness, durability and even mesh construction are inherent features of this material. Duro imported Silks are available in the following meshes and widths.



Mesh	40"	50"	60"	80"
2XX	\$3.25	---	\$4.99	\$ - - -
4XX	2.94	---	---	---
6XX	2.94	3.95	4.87	---
8XX	3.05	4.05	4.95	---
10XX	3.40	4.31	5.23	7.15
12XX	3.58	4.68	5.78	8.42
14XX	3.85	5.23	6.24	9.83
16XX	4.60	6.33	7.35	11.70
18XX	5.50	7.07	---	---
25XX	6.80	---	---	---

## SWISS IMPORTED SILK

TAFFETTA  
WEAVE

We carry a complete line of this super quality imported swiss silk. This is the finest silk screen fabric available in taffeta weave. Uniform mesh and knot free even construction characterize this material. Mesh size is designated by colored striping along selvage.

MESH	COUNT	OP. DEC. OF INCH	40" WIDE	50" WIDE	55" WIDE	60" WIDE	80" WIDE
6XX	74	.0096"	\$4.75	\$6.05	\$6.45	\$ -	\$ 9.50
8XX	86	.0076"	4.90	6.15	6.80	7.30	9.80
10XX	109	.0057"	5.85	7.00	7.85	8.50	11.70
12XX	125	.0046"	6.60	7.85	8.90	9.55	13.20
14XX	139	.0038"	6.80	8.15	9.10	9.85	13.60
16XX	157	.0035"	7.30	8.80	-	10.60	14.60
18XX	166	.0032"	8.50	10.10	-	-	17.00
20XX	173	.0030"	8.90	10.70	-	-	-
25XX	200	.0025"	10.70	12.85	-	-	-

*FotoSilk  
with Guide Lines*

Available only in Swiss Imported Silk and only in 40" or 80" widths.

## PERMANENT ORGANDY COTTON

CAT. #	TYPE	WIDTH	PRICE PER YD
O-75	Domestic	39"	\$ .70
O-185	Swiss	44"	1.65
O-270	Swiss	53"	2.45
O-280	Swiss	60"	2.80
O-340	Swiss	70"	3.00

Discounts in Various Cut Lengths and 60 yd. Bolts.

## SILK GRIT GAUZE (HEAVY STRANDED)

MESH	COUNT	OP. DEC. OF INCH	PRICE
30GG-00XX	29	.0248"	\$5.35
40GG- 0XX	39	.0176"	5.70
50GG- 1XX	49	.0143"	6.20
60GG- 3XX	58	.0109"	6.65



**ADVANCE PROCESS SUPPLY CO., INC.**

CHICAGO 12, ILLINOIS U.S.A.

# MONO NYLON

**Anti-Halo  
YELLOW  
HEAT-SET**

**HI-FYLON  
DM MONO MESH**

## Superior Screen Process Printing Results

PRICES PER YARD			
NUMBER	MESH COUNT	38"/40"	82"/84"
PRICE	PRICE		
16 Y	160	\$ 5.95	-
20 Y	200	6.50	-
22 Y	220	7.50	\$14.80
24 Y	240	8.30	-
27 Y	270	10.95	-

BOLTS - APPROXIMATELY 60 YARDS

Prices Subject to Change Without Notice

- Outstanding fidelity of reproduction—no "light bounce" between threads. Patented treatment completely eliminates halo reflections.
- Amazingly clean printing...patterns and images are always crisp and clear.
- Patterns and images are held right down to the smallest detail. Fabric is specially treated so fibers grip the surface.
- High fidelity in halftone printing plus superb color registration.

Hi-Fylon is the first really new development in screen printing meshes in a decade. It is a monofilament, long-life fabric imported from France. It has consistently uniform mesh and displays high tensile strength.

WRITE FOR FREE COMPARISON DM PHOTO SCREENS...SEE FOR YOURSELF THE SUPERIORITY OF PRINTING WITH HI-FYLON

DISCOUNTS ON 2-10-20-30-60  
YARD QUANTITIES

**ADVANCE PROCESS SUPPLY CO., INC.**  
CHICAGO 12, ILLINOIS U.S.A.

# DACRON SCREEN CLOTH

## HIGHEST QUALITY DOMESTIC WOVEN FABRIC

Unlike Nylon, it maintains a very rigid stretch and is most suitable for perfect registration. The mesh is accurately woven and the synthetic fiber is unaffected by all solvents.

The strength of Dacron is undisputed. Textile printers have found this fabric a boon to their production because of its size stability even on largest screens. Also for its resistance to water. Clean uniform prints of highest quality may be obtained with Dacron Screen Cloth.

Best results have been experienced with Direct Method Type Screens. Some success with Hand Cut and Photo Screens has been effected with the following preparation of this fabric.

1. Stretch on frame in usual manner.
2. Clean screen with warm water and detergent or Ajax. Rinse to remove all detergent.
3. Dry screen and proceed with adhering stencil or apply emulsion for direct method.

### DOMESTIC DACRON SCREEN CLOTH

Quality	Mesh Count	42"	52"	60"	66"
6 XX	74	\$2.50	\$3.00	\$3.05	\$3.15
7 XX	76	—	3.45	3.50	3.65
8 XX	79	2.90	3.30	3.75	3.95
10 XX	110	3.10	3.60	4.00	4.25
11 XX	118	3.25	3.80	4.30	—
12 XX	125	3.40	4.50	4.55	4.80
14 XX	138	3.80	5.05	5.70	5.75
16 XX	148	4.60	5.75	7.05	7.10

### STAINLESS STEEL MESH

For the very finest printing and Registration

Mesh Number	Standard Width	Wire Diameter	Odd Size Less Than Width Of Roll	Up To 5 Running Ft. By Width Of Roll	5 Running Ft. By Width Of Roll	10 Running Ft. By Width Of Roll	25 Running Ft. By Width Of Roll	50 Running Ft. By Width Of Roll	100 Running Ft. By Width Of Roll
30x30	48"	.0065"	\$2.35	\$1.60	\$1.40	\$1.20	\$1.00	\$ .90	\$ .80
60x60	48"	.0040"	2.55	1.80	1.60	1.40	1.20	1.10	1.00
80x80	48"	.0037"	2.65	1.90	1.70	1.50	1.30	1.20	1.10
105x105	48"	.0030"	2.85	2.10	1.90	1.70	1.50	1.40	1.30
120x120	48"	.0026"	2.95	2.20	2.00	1.80	1.60	1.50	1.40
165x165	48"	.0019"	2.85	2.05	1.85	1.65	1.45	1.35	1.25
180x180	48"	.0018"	3.15	2.30	2.10	1.90	1.70	1.60	1.50
200x200	48"	.0016"	3.40	2.55	2.35	2.15	1.95	1.85	1.75
230x230	48"	.0015"	3.80	2.95	2.75	2.55	2.35	2.25	2.15
325x325	48"	.0014"	6.25	4.80	4.60	4.40	4.20	4.10	4.00

ABOVE PRICES PER SQUARE FOOT

Stainless Steel Mesh Prep. \$1.50 qt. \$3.95 gal.



**ADVANCE PROCESS SUPPLY CO., INC.**

CHICAGO 12, ILLINOIS U.S.A.

# NYLON MONOFILAMENT FABRICS

The multifilament nylon meshes have been replaced completely with the new monofilament type. Monofilament Nylon is a single stranded mesh with accurate and clear openings. This type fabric is treated for maximum rigidity. It has retained flexibility which is desirable for rough uneven surfaces. Monofilament Nylons are a very durable fabric which print very sharply.

The mesh is unaffected by solvents. Hand cut films and Carbon Tissue Photo Screen may not adhere successfully. Direct method screens have produced extremely long running screens.

# BLUTEX

## MONOFILAMENT NYLON FRENCH IMPORTED TAFFETA SCREEN CLOTH

NUMBER	MESSES p. inch	OPENING microns	39/40	46/47	53/55	60
10	110	167	\$4.63	\$5.44	--	--
14	142	118	5.47	--	--	\$8.00
20	180	91	5.93	6.50	--	--
25	196	82	6.85	--	\$8.25	--
30	232	68	7.02	8.22	--	--
35	231x254	66x56	--	8.75	--	--
40	262	60	--	11.95	--	--

## NITEX SWISS MONOFILAMENT NYLON STANDARD T LINE

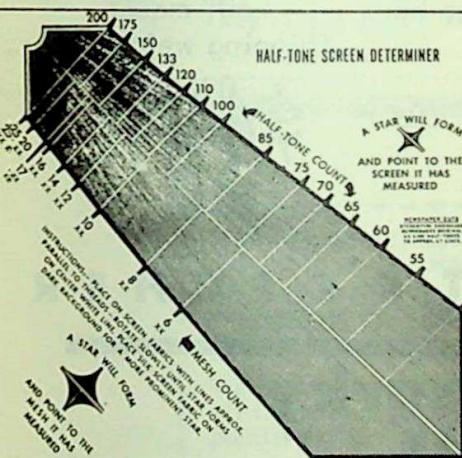
Mesh No.	40"	48/49"	51/52"	56/57"	60/61"	69/70"	80"	85/87"
16-T	\$ 4.30	--	--	--	--	--	--	--
20-T	4.30	--	--	--	--	--	--	--
25-T	4.30	--	--	--	\$ 6.25	--	--	--
33-T	4.30	--	--	--	6.25	--	--	--
40-T	4.30	--	--	--	6.25	--	--	--
50-T	4.30	--	--	--	6.25	--	--	--
63-T	4.35	--	--	--	--	--	--	--
70-T	4.35	\$ 4.95	\$ 5.25	\$ 5.85	6.30	--	--	--
77-T	4.35	4.95	5.25	5.85	6.30	\$ 7.15	\$ 8.70	--
83-T	4.35	4.95	5.25	5.85	6.30	7.15	8.70	--
90-T	4.35	4.95	5.25	5.85	6.30	7.15	8.70	--
103-T	4.35	4.95	5.25	5.85	6.30	7.15	8.70	\$ 8.70
108-T	4.55	5.25	5.45	6.10	6.55	7.55	9.10	9.10
114-T	4.80	5.50	5.75	6.45	7.00	7.95	9.60	--
120-T	4.95	5.75	5.95	6.75	7.25	8.20	9.90	9.90
132-T	5.05	5.85	6.10	6.80	7.35	8.40	10.10	--
138-T	5.30	6.10	6.40	7.15	7.70	8.85	10.60	10.60
149-T	5.40	6.20	6.45	7.35	7.90	8.90	10.80	--
157-T	5.60	6.45	6.75	7.50	8.10	9.25	11.20	11.20
166-T	5.95	6.80	7.15	8.05	8.65	--	--	--
185-T	6.60	7.65	7.95	9.00	9.60	10.95	13.20	13.20
196-T	6.60	7.65	7.95	9.00	9.60	10.95	13.20	13.20
206-T	8.05	9.20	9.70	10.80	11.65	--	--	--
225-T	8.10	9.35	9.75	10.95	11.75	13.45	16.20	--
230-T	8.10	9.35	9.75	10.95	11.75	--	16.20	--
240-T	8.65	--	--	--	--	--	--	--
242-T	8.65	10.00	10.35	11.70	12.55	14.25	17.30	--
260-T	8.80	10.15	10.60	11.95	12.80	--	--	--
283-T	8.95	10.30	10.75	12.10	13.05	--	--	--
306-T	10.25	11.75	--	--	--	--	20.50	--
330-T	14.25	--	--	--	--	--	--	--
350-T	15.30	--	--	--	--	--	--	--
380-T	23.00	26.65	--	--	--	--	--	--
465-S	40.00	--	--	--	--	--	--	--

Discounts in quantities -- 2 yds. - 10 yds. - 20 yds. - 30 yds. - 60 yds.

Also available in "HD" Heavy Strand and "S" Light Strand.

Prices quoted are per linear yard.

## MESH TESTER



For determining the mesh of silk screens and half-tones.

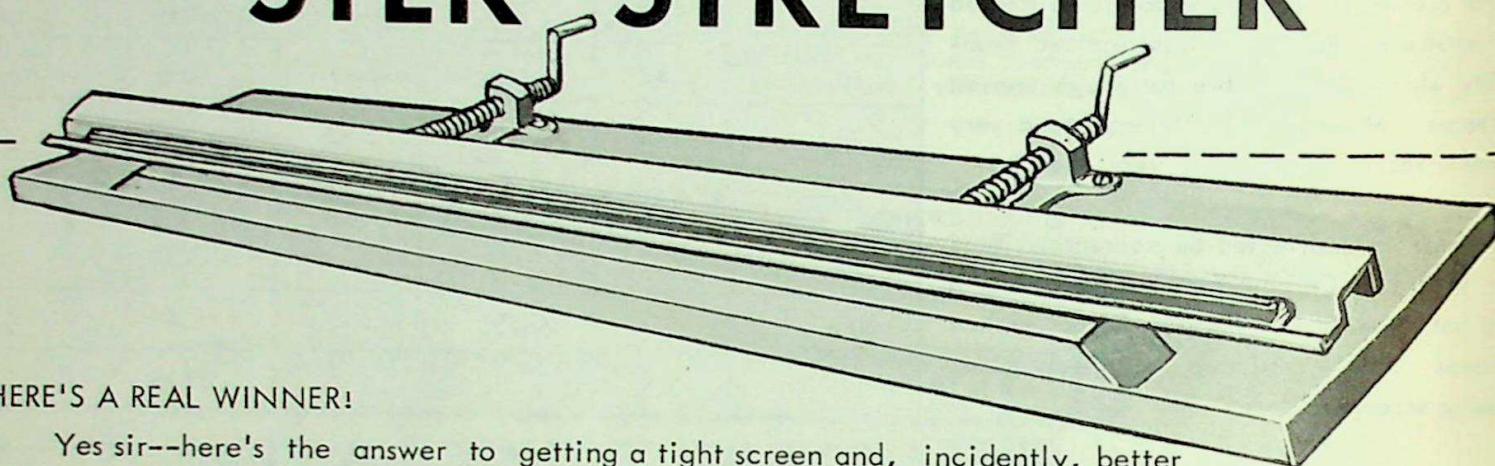
PRICE \$1.75

**ADVANCE** PROCESS SUPPLY CO., INC.  
CHICAGO 12, ILLINOIS U.S.A.

---"you can win in the stretch"---

with a

# SILK STRETCHER



★ HERE'S A REAL WINNER!

Yes sir--here's the answer to getting a tight screen and, incidently, better printing. **SIMPLICITY!** It's the simplest gadget you've seen in many a moon. The mechanical parts are steel with a bright plated finish that won't rust.

★ REACHES OUT!

Sure, it reaches out and grips the edge of the silk when you think it is almost too narrow for the frame. It grips the silk firmly but gently.

★ NO NUTS OR THUMB SCREWS!

A soft rubber moulding presses into a groove to grip the silk. In seconds you attach the silk to the stretcher bar. Then when it has been stretched and fastened to the frame, Zippo, you pull up on the loose silk and it disengages from the bar.

★ SAVES MONEY!

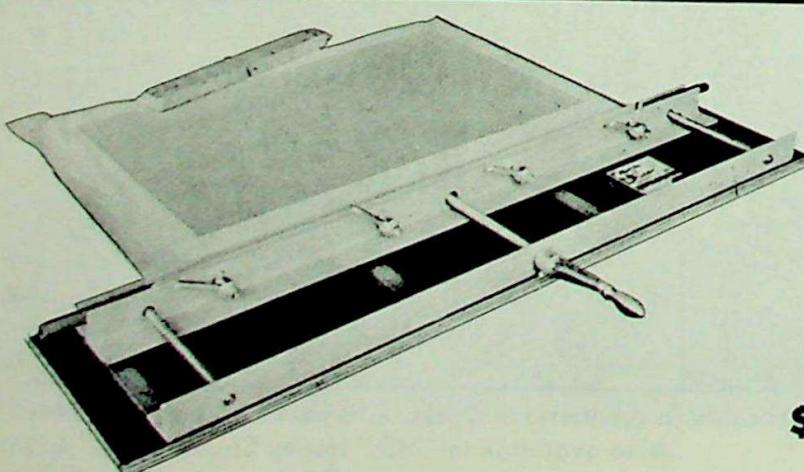
You can save enough on silk to soon pay for the machine. Remember, You can win in the stretch!

60" model  
Shipping weight 16 lbs

ONLY  
**\$39<sup>95</sup>**

# WARD

S I L K   S T R E T C H E R



## Sparky Silk Stretcher

Drum tight screens possible  
only with this new fabric  
stretcher

Price  
**\$95<sup>00</sup>**

- Easy to operate
- Clamps on your own work bench
- Economical, less wasted silk or nylons
- Better prints with tighter screens



**ADVANCE** PROCESS SUPPLY CO., INC.

CHICAGO 12, ILLINOIS U.S.A.

# "Ready-to-Print"

## SCREEN SERVICE

MADE TO YOUR  
EXACT NEEDS

A COMPLETE,  
PROMPT AND  
PERSONAL



For Every  
Silk Screen  
Need.

Metal Edge Screen

Photo  
Screen  
(halftone)



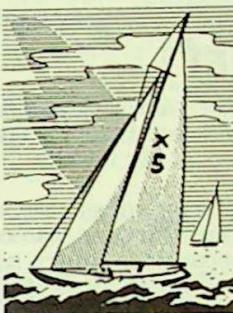
Odd Shape  
Screen

**SUPER-  
TOUGH  
and  
FLEXIBLE!**

Photo  
Screen  
(line)

Hand-cut Screen

YOU SAVE MONEY  
and TIME with  
**"Ready-to-Print"**  
**SILK SCREENS**  
They're the finest ever  
developed.



ADVANCE screens are used  
for quality printing on some of  
the following items.....

Ties	Toys	Dials
Signs	Tools	Crates
Decals	Covers	Bottles
Aprons	Mirrors	Cartons
Textiles	Radio Parts	
Displays	Glass Etching	
Shower Curtains		
Wiring Diagrams		
Advertising Specialties		
Glow-in-the-Dark Novelties		

### "READY-TO-PRINT" Screens Are Better These 10 Ways:

1. Extra heavy, flexible, plasticized film used on all our screens.
2. Highest quality silk used.
3. Frames made of seasoned, non-warping Balluster.
4. Drum-tight stretch maintains perfect register and sharp impressions.
5. Plenty of margin for proper silk screening.
6. All screens blocked out and taped "Ready-to-Print".
7. Sharpness and faithful reproduction of copy guaranteed.
8. Economical in initial cost — also in the LONGER run.
9. Accurate Retouching.
10. 24 hour service on most screens.

Many years ago the founders of ADVANCE felt that a most important phase of the Screen Process Supply business was furnishing the customer with a fast, simple and economical Screen Service.

Advance has built a Photo and Hand Cut screen department which is considered to be the very best. The latest equipment and techniques are employed by our screen making specialists.

We coined the name "Ready-to-Print" feeling that this self explanatory descriptive phrase took all the hokus-pokus out of purchasing photo screens. No more hidden charges such as negatives, positives, proofing, sharpening copy extras.

It was our firm belief that by offering this honest-to-goodness and efficient "Ready-to-Print" Screen Service this young progressive industry would develop further and our supply business would undoubtably grow.

So it was.....but with our popularity others have tried to compete with and even duplicate our good "Ready-to-Print" name.

Yet today Advance Screen Service is still so out-standing that our volume is ever expanding.

Now....new "Advance" developments and techniques are a tremendous boon to the processor.

If you purchase screens, Advance Ready-to-Print screen service can be most profitable to you.



**ADVANCE PROCESS SUPPLY CO., INC.**

CHICAGO 12, ILLINOIS U.S.A.

**ADVANCE**

# "Ready-to-Print" SCREENS



**are made of the finest  
materials available**



ADVANCE caters exclusively to the Silk Screen process industry. In order to render a complete service to the trade, we have set up on one entire floor a most complete ultra-modern screen and photo department. This division of ADVANCE is composed of the following departments. Each is staffed with experienced personnel ---

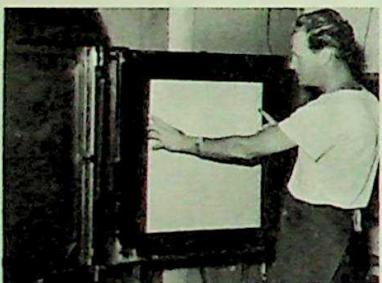
**TO SERVICE YOUR INDIVIDUAL SCREEN AND PHOTO NEEDS:** -



## **Art Department**

Let an ADVANCE Silk Screen artist layout and draw your next screen job. Years of specialized experience with a variety of artwork for every application qualify us as experts.

You save time and money by first consulting us on Artwork, Retouching, Layout and Typesetting. Hand cut screens do not require pen and ink drawings. Simple and complex color separation offers no problem to our trained staff.



## **Photographic Department**

We sure have something to "bellow" about since the installation of our ultra-modern specially built Photo Camera equipment. Perfect Photo Screen reproduction up to 50"x70" printing size is now a "snap" with this automatic electronically-timed beauty. New Zeis lenses enable us to "shoot" 8X reductions and 7X enlargements. You'll experience the greatest perfection and versatility with ADVANCE Photo Service.

If you make your own Photo Screens . . . try us for retouched negatives, positives and halftones.



## **Screen Department**

Both hand cut and photo screens are made to most exacting requirements.

**PHOTO SCREENS** -- of every size, type, shape and description are produced daily by modernized production technique. All fabrics, silks, nylon, stainless steel mesh, etc. are utilized to produce finest results to suit our customers' every need. All types of screens for every application offer long silk screen production runs without breakdowns.

**HAND CUT** -- screens are made with appropriate films and meshes -- just right for your requirements.



## **Engineering and Consultation**

Feel free to consult us at any time on your problems as well as your needs. ADVANCE screens and materials are a recognized quality standard in the process industry.

Our staff and chemists are constantly striving to improve existing screen techniques and are leading in further developments as new basic materials become available.

Remember ADVANCE "Ready-to-Print" SILK SCREENS on your next job. Our complete facilities are available to you as --  
**"YOUR SILK SCREEN DEPARTMENT"**



**PROCESS SUPPLY CO., INC.**

CHICAGO 12, ILLINOIS U.S.A.

# "Ready-to-Print" SCREENS

## IT'S SIMPLE TO ORDER

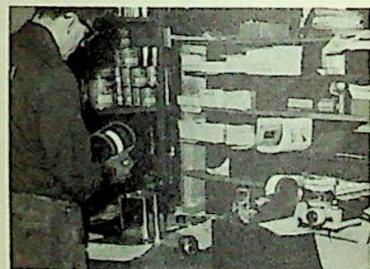
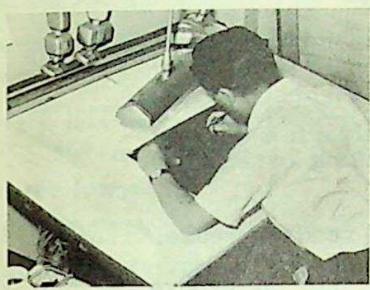


And so economical, too. Just send black and white inked or printed copy for photo screens -- A penciled sketch is all we need for hand-cut screens.

Your complete "Ready-to-Print" Silk Screen is RUSH SHIPPED the same day.

We are well equipped to handle all sizes up to 50" by 70" printing area.

**NO EXTRAS** -- providing copy is black and white, ready to reproduce.



## STANDARD NET PRICE LIST

### Complete with Photo Work

Printing Area Square Inches	Complete Price	Duplicate Screens	Halftone Screens
5 or less	\$ 8.95	\$ 6.95	\$10.65
5-25	9.95	8.25	12.40
25-45	11.15	8.95	13.65
45-80	12.95	9.80	15.25
80-120	14.90	11.35	17.55
120-160	17.50	12.85	21.25
160-200	19.95	15.50	24.95
200-240	23.90	18.50	28.55
240-300	26.95	22.50	33.75
300-370	30.85	24.90	41.45
370-425	35.70	27.75	46.50
425-480	39.60	30.90	50.50
480-550	44.50	35.40	54.70
550-620	52.50	39.95	58.25

NOTE — all our prices are based on printing area. We allow ample margins for proper silk screen printing — Actual screen is much larger than printing area. Odd and unusual sizes, special effects slightly higher.

## MOUNTED SCREENS on your frame and silk

PRICES FOR MOUNTED SCREENS —  
BLOCKING OUT AND SILK NOT INCLUDED  
TAPING AND TOUCH-UP EXTRA

Printing Area Square Inches	PRICE Including Positive	PRICE Positives Furnished
5 or less	\$ 5.95	\$ 3.25
5 - 25	6.95	3.95
25 - 45	7.95	4.50
45 - 80	9.25	5.25
80 - 120	10.65	6.50
120 - 160	12.25	7.70
160 - 200	14.75	8.90
200 - 240	16.95	10.25
240 - 300	19.50	11.90
300 - 370	22.50	13.25
370 - 425	24.90	15.10
425 - 480	27.40	17.70
480 - 550	30.95	19.95
550 - 620	36.55	23.50

Add 20 per cent to above prices for Halftone Screen Films.

## PHOTOGRAPHIC NEGATIVES - POSITIVES AND PRINTS PRICE LIST

Film Size Inches	Film Negative	Film Contact Positives	Glass Contact Positives	60-line Halftone Negatives	Contact Halftone Positives	Photo Prints Complete
5x7	\$ 1.80	\$ 1.15	\$ 1.85	\$ 3.65	\$ 2.55	\$ 2.50
8x10	2.25	1.40	2.70	4.85	3.75	3.00
10x12	2.80	1.80	3.75	5.75	4.50	3.75
11x14	3.60	2.10	4.70	6.65	5.15	4.60
14x17	4.90	3.10	5.95	9.40	7.95	5.95
16x20	6.20	4.70	8.50	12.10	10.25	7.80
20x24	8.35	6.30	12.90	Add \$3.00 Charge To Halftone Cost For Outlining And Taking Out Background.		
21x31	11.35	8.25	19.95			

Add 50 percent for Nonshrink Vinyl Negatives or Positives  
WRITE FOR PRICES ON LARGER SIZES

Allow approximately 1" around copy size for figuring film sizes.  
All prices based on glass or film size and include minimum retouching.  
A negative is necessary to make a contact positive on film or glass.

**ADVANCE PROCESS SUPPLY CO., INC.**

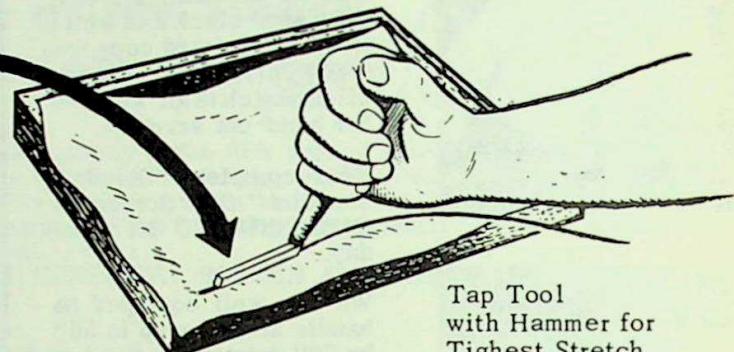
CHICAGO 12, ILLINOIS U.S.A.

# STRETCH YOUR FRAMES THE BEST WAY

*In the Groove*

The "Tite-Stretch" method is beyond question the most rapid and efficient method for tightly stretching all silks.

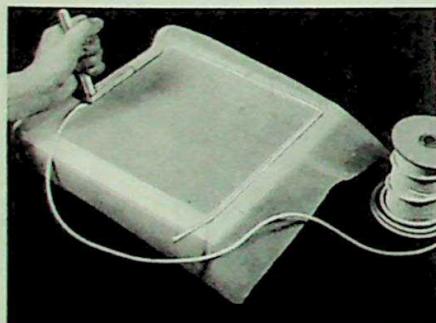
The many advantages which have popularized this method are as follows:



Tap Tool  
with Hammer for  
Tighest Stretch

1. Greatest stretching speed is assured --- Largest frames can be stretched in only a few minutes.
2. Less fatigue --- It's simple to stretch silk and much less tiresome than tacking or stapling.
3. No obstructions or buildup on bottom of frame.
4. Absolutely no paint or ink seepage between silk and frame.
5. Removal of silk from frame is a snap --- Just pull cord and frame is clean and ready to reuse.
6. No sagging --- Silk is drawn evenly and tightly without slippage.
7. If silk loosens because of dampness, retighten by simply pressing rope deeper into the groove.

ADVANCE has now made it possible for processors everywhere to use and make "Tite-Stretch" frames and screens. We have developed the finest line of standard materials for the "Tite-Stretch" method. • GROOVED BALLUSTER • "TITE-STRETCH" CORD • "TITE-STRETCH" TOOL



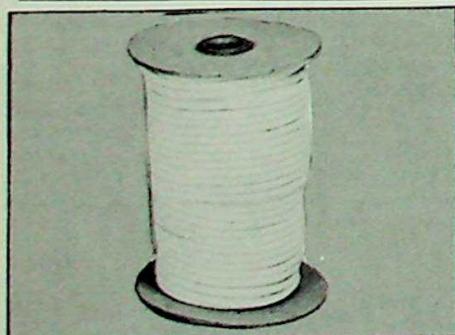
## "TITE-STRETCH" TOOL

A simple tool for pressing "Tite-Stretch" Cord into groove in the new ADVANCE pregrooved balluster and frames. Smoothly finished handle with positive acting metallic head, shaped to fit cord and groove. Made from tempered hard steel.

PRICE \$3.95 Each  
Tap this tool with Hammer for tightest stretch

## "TITE-STRETCH" CORD

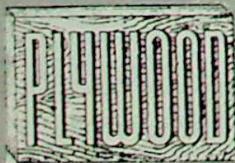
ADVANCE "Tite-Stretch" Cord is a specially prepared hard finished material. The diameter is kept to perfect size assuring exact tension and permanent setting into grooved frame. Conveniently packaged to dispense simply.\*The Red Dot means - Uniform Rayon Weave



Size Roll	Price Each	3 Rolls Each	6 Rolls Each
100 ft.	\$ 2.65	\$ 2.50	\$ 2.35
1000 ft.	19.95	18.95	17.95

## HEAVY PLYWOOD BASES

Perfectly flat plywood cut to the following standard sizes. Excellent for silk screen printing bases:



Size	Price
12" x 18".....	\$ 1.00
18" x 24".....	1.90
24" x 36".....	3.50
36" x 48".....	5.95

Prices on other sizes  
at comparable prices



**ADVANCE PROCESS SUPPLY CO., INC.**

CHICAGO 12, ILLINOIS U.S.A.

**16 SECONDS TO A CUSTOM-SIZED SCREEN FRAME!**

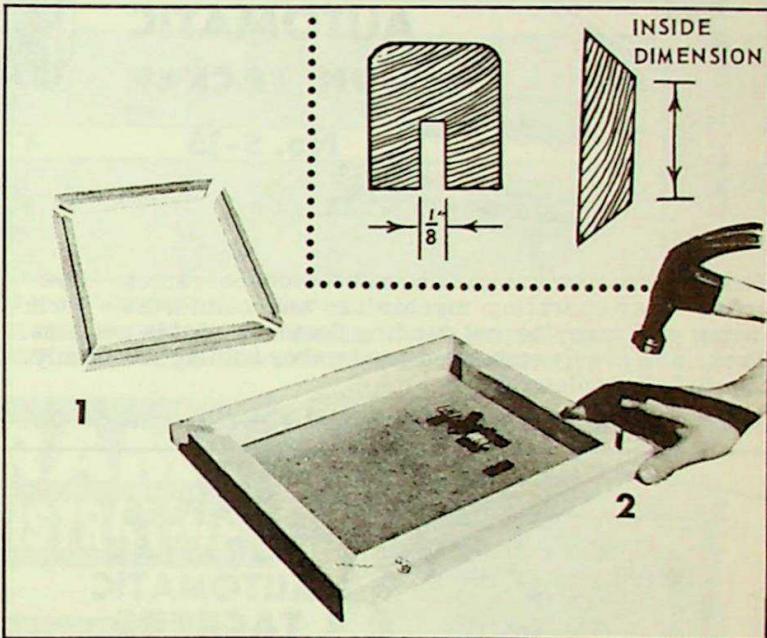
# **mite-r-stix**

**PRE-MITERED, PRE-GROOVED, PRE-CUT LUMBER**

KILN DRIED PONDEROSA PINE BALLUSTER

YOU Save Time, Money, and Handling Because  
WE Do All This Work For YOU!

- We pre-cut lumber to even sizes, thus eliminating waste.
- Every MITE-R-STIX is perfectly jig-cut to a precise 45° angle, giving you a perfect fit for all screen frames.
- MITE-R-STIX are grooved for the popular rope method of stretching frames.
- We make every MITE-R-STIX exactly the same straight size.



(1) LAY OUT MITE-R-STIX! (2) HAMMER CORRUGATED FASTENERS IN CORNERS FOR PERFECTLY MATCHED TIGHT FIT!

With MITE-R-STIX there is no fuss, no muss, no sawdust ... no insurance difficulties because of unguarded blades on saws! They are made of top quality, clear, kiln dried Ponderosa Pine. MITE-R-STIX are ready to assemble into an accurate, perfectly square or rectangular screen frame! You save shipping costs and storage space — MITE-R-STIX make a neat, clean, easy-to-store package.

**FAST, EASY ASSEMBLY OF 268 DIFFERENT SIZED SCREEN FRAMES...**

**1-1/8" SQUARE STOCK — 78 DIFFERENT SIZES,**

**6" x 6" up to 30" x 30" ...**

**1-5/8" SQUARE STOCK — 190 DIFFERENT SIZES,**

**10" x 10" up to 48" x 48"**

AVAILABLE IN LISTED SIZES ONLY  
USE TIGHT STRETCH CORD FOR THE PERFECT  
GROOVE FIT

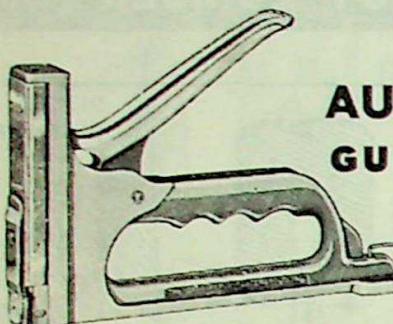
WRITE FOR INFORMATION ON PRODUCTION GUN FOR FASTENING FRAMES WITH CORRUGATED FASTENERS



**ADVANCE PROCESS SUPPLY CO., INC.**

CHICAGO 12, ILLINOIS U.S.A.

# AUTOMATIC TACKERS and STAPLES



**STAR  
AUTOMATIC  
GUN TACKER**

No. S-15

The ideal stapler for tacking silk to wooden frames. Powerful, easy operating mechanism and comfortable form fitting grip are the outstanding features of this machine. Tacks are evenly embedded into lumber holding silk firmly. Use 515-S Staples Only.

STAR AUTOMATIC TACKER Model # S-15 - Price \$9.00.



**STAPLES  
FOR STAR  
AUTOMATIC  
TACKERS  
No. 515-S**

Chisel point steel staples offer very little resistance to frame lumber. Use with Star Automatic Tacker. #515-S Staples for S-15 Stapler.

PRICES PER BOX 5000 STAPLES

1 box.....	\$2.05 each
3 boxes.....	\$1.90 each
5 boxes.....	\$1.85 each
10 boxes.....	\$1.75 each

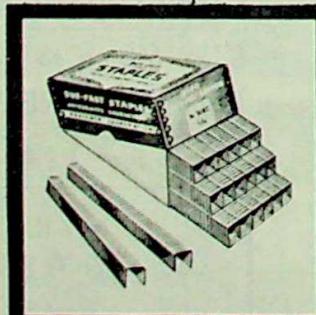
## HAMMER AND PLIER combination



Combination hammer and plier used for stretching silk and metal mesh.

M-319 heavy duty.....\$3.80

**STAPLE REMOVER  
only  
\$.60 each**



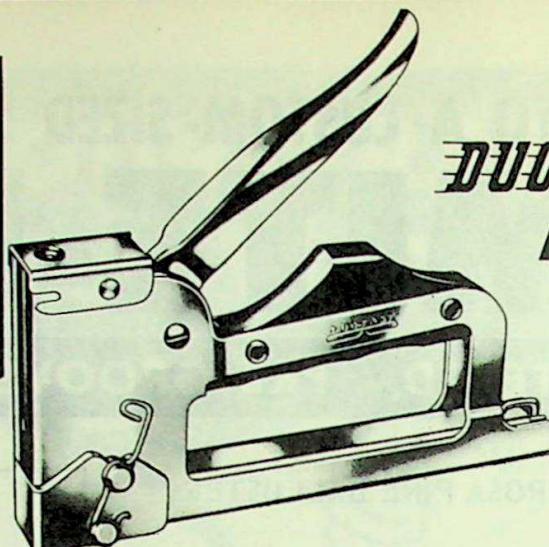
## DUO FAST STAPLES Nos. 308C and 3010C

### FOR HAND AND AIR TACKERS

Duo-Fast Staples team up with Duo-Fast Tackers to give you automatic tacking at its best. Both sizes --1 1/4" and 5/16"--are chisel-point, medium weight staples.

PRICES PER BOX 5,000 STAPLES

	308-C	3010-C
	1/4"	5/16"
1 box	\$2.25	\$2.50
3 boxes	2.10	2.40
5 boxes	2.00	2.25
10 boxes	1.80	2.00



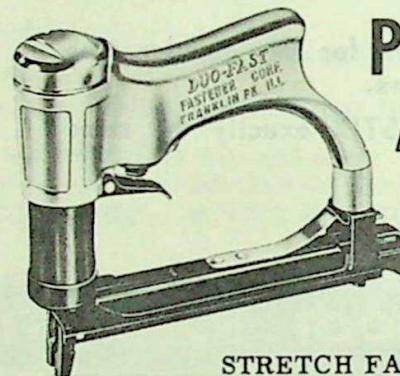
**DUO-FAST  
AUTOMATIC  
GUN TACKER  
No. CT-830**

FREE SERVICE

Cut your costs and do a better, faster, and neater job of tacking silk to wooden frames with Duo-Fast Tackers. They are the finest made. All steel construction with a bright chrome finish and red plastic hand grip. Weighs only 2 lbs. FREE SERVICE GUARANTEE.

Use 308-C, 1/4" or 3010-C, 5/16" staples. (Leg lengths)

DUO-FAST AUTOMATIC TACKER # CT-830 - Price \$11.00



**PRODUCTION  
AIR TACKER  
No.  
DW-3012 AR**

FREE SERVICE

STRETCH FABRICS IN RECORD TIME

The Duo-Fast Direct-Drive Air Tacker is designed specifically for fast, efficient, effortless, high production tacking. It will save you time and money. Tacks fast as you flick the trigger - 33 tight-holding staples in 10 seconds. You get more work done in less time. Weighs only 2 pounds and is perfectly balanced. Eliminates the fatigue factor. Ideal for women workers. Operates on 50 to 125 pounds depending on the job.

Use 308-C, 1/4" or 3010-C, 5/16" staples. (Leg lengths.)

PRODUCTION AIR TACKER DW-3012-AR...\$55.00



**ADVANCE PROCESS SUPPLY CO., INC.**

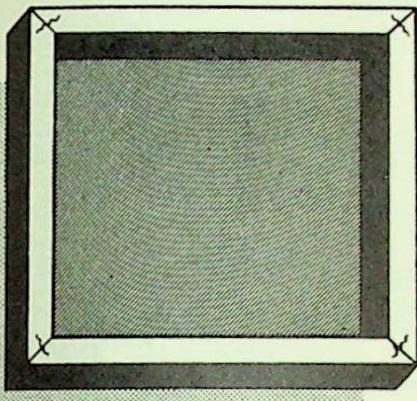
CHICAGO 12, ILLINOIS U.S.A.

**Assembled**

# PRINTING FRAMES

*Complete  
with or without silk*

ADVANCE Printing frames and silk stretched units are made in the following standard sizes or to your individual specifications. Check and compare the quality workmanship and price of these silk screen printing frames. Finest soft clear white pine balluster is perfectly seasoned, mitered and assembled with corrugated fasteners. All our finest silk as indicated is stretched drum tight by the ADVANCE "Tite-Stretch" method.



Inside Frame Size	Frame Only	Special Silk # 9 Mesh	High Quality 10XX Silk	High Quality 12XX Silk	High Quality 14XX Silk
1-1/8" SQUARE STOCK					
8"x10"	\$ .94	\$ 1.78	\$ 2.10	\$ 2.15	\$ 2.20
10"x14"	1.09	2.50	2.79	2.99	3.10
14"x18"	1.27	3.12	3.40	3.55	3.75
1-5/8" SQUARE STOCK					
18"x24"	2.43	4.70	5.20	5.40	5.60
22"x28"	3.18	6.80	7.80	7.95	8.15
24"x32"	4.05	7.90	8.20	8.50	9.10
28"x 38"	4.80	9.25	10.00	10.55	11.20

Your Special Sizes at Comparable Prices

DEDUCT 10 PERCENT DISCOUNT WHEN PURCHASING 2 OR MORE OF SAME SIZE  
DEDUCT 15 PERCENT DISCOUNT WHEN PURCHASING 12 OR MORE OF SAME SIZE

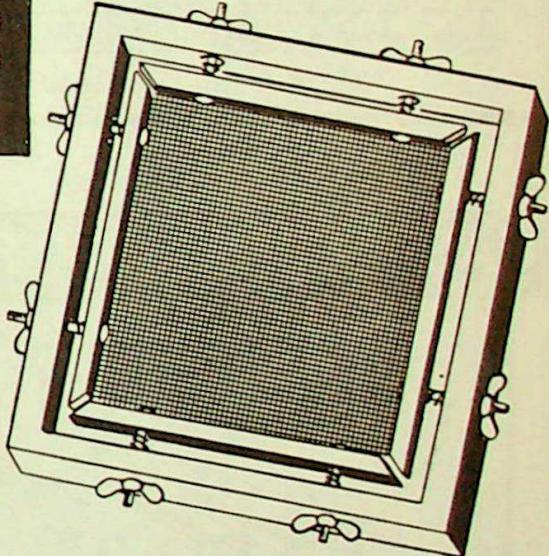
## ADVANCE FLOTTING FRAME FOR ADJUSTABLE REGISTRATION

3 STANDARD SIZES

inner frame	price
18"x18"	\$ 8.00
20"x24"	11.95
22"x30"	16.75

NO SILK INCLUDED IN ABOVE PRICES

For very accurate hairline registration, ADVANCE has furnished the ever popular Floating Frame. This device will permit the design on the screen to be varied in both length and width dimensions. Temperature and humidity conditions may cause screen variations which can be adjusted with the Advance Floating Frame.



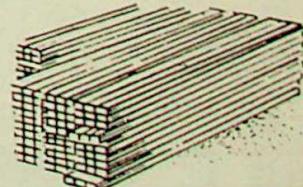
Embossed book cover and color process printers have found this device indispensable.

## FINEST GRADE SEASONED FRAME LUMBER (BALLUSTER)

ADVANCE maintains a large stock of both grooved and plain clear white Ponderosa pine balluster. This is perfect stock milled exact size and is most ideal for making silk screen frames. Specify approximate lengths desired -- or we will ship convenient 5-16 foot pieces.

Standard Size	Price Finished 4 Sides	Price "Tite-Stretch" Grooved
3/4" x 3/4"	\$ .06 per foot	\$ .11 per foot
1-1/8" x 1-1/8"	.10 per foot	.20 per foot
1-5/8" x 1-5/8"	* .19 per foot	
1-5/8"x2-3/4"	* .27 per foot	
1-5/8"x3-3/4"	* .31 per foot	

\* Star Items - Redwood only.



QUANTITY DISCOUNTS: - 5 PERCENT OFF, 500ft. - 10 PERCENT OFF, 1000FT.  
LARGER SIZES OF ALL ABOVE ITEMS AVAILABLE IN NON-WARP REDWOOD

**ADVANCE PROCESS SUPPLY CO., INC.**

CHICAGO 12, ILLINOIS U.S.A.

# ALUMA-FRAME

THE LAST WORD . . . A PERFECT SCREEN PROCESS FRAME FOR  
PERFECT REGISTER . . . IDEAL FOR ACCURACY ON BOOK COVERS –  
PRINTED CIRCUITS – ETC.



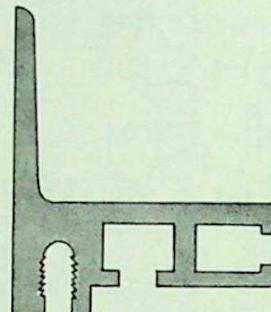
Perfect Corners  
Lightweight  
Hold Silk, Nylon and Metal Firmly  
Stretch Tightly Fabric Guaranteed Non Slipping  
Cleans So Easily – Not Affected By Solvents  
Ideal For Water Applications

Price only 7 cents per running inch measured  
inside of completed frame.

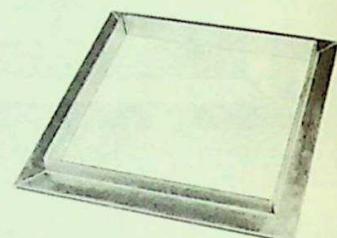
1 Set double lock corner inserts (8 pieces for  
each frame) . . . . . \$ .75

MITERING AND ASSEMBLY EXTRA . . . \$1.25

WELDING CHARGE PER FRAME . . . . \$4.75



ACTUAL SIZE

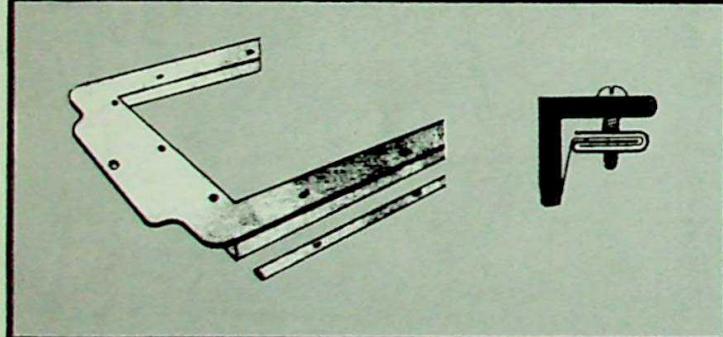


## COMPLETE FRAMES

Size	8"x10"	12"x18"	17"x18"	20"x24"	24"x30"	30"x36"	All Metal Aluminum
Price	\$4.52	\$6.20	\$6.90	\$8.76	\$9.56	\$11.24	Lightweight and Sturdy

Add Welding Charge of \$4.75 each to above prices.

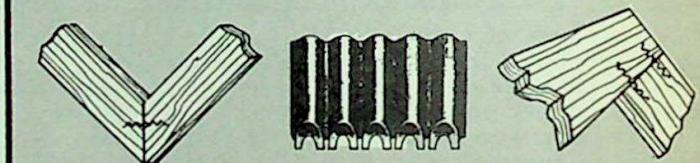
## CAST ALUMINUM FRAMES



Sturdy 1 piece cast frames made especially for wire cloth. Ideal for bottle printing. Mesh is folded into metal strap and tightened by metal screws circumventing frame. Write for additional sizes.

Size I.D.	Frame with 4 Straps	With 165 Stainless	With 200 Stainless
5 x 7	5.25	9.00	10.90
8 x 10	8.70	15.40	20.70
10 x 10	9.80	16.60	21.60
16 x 20	21.50	43.40	51.20

## CORRUGATED FASTENERS



Hardened steel corrugated fasteners for putting mitered frames together. Sharp edges are hammered into wood and corners are automatically brought tightly together.

Cat. No.	Size	100	500	1000
M-28	3/8" x 5/8"	\$ .40	\$1.40	\$2.25
M-35	1/2" x 5/8"	.45	1.50	2.40
M-38	1/2" x 1-1/8"	.45	1.45	2.45
M-50	1/2" x 1-1/8"	.50	1.55	2.60



**ADVANCE** PROCESS SUPPLY CO., INC.

CHICAGO 12, ILLINOIS U.S.A.

## Pneumatic Screen Printing Frames with Stainless Steel-Meshes

# PNEUMATIC FRAME

NOW PRINT "OFF CONTACT"  
SHARPER - MORE ACCURATE -  
SCREENS LAST LONGER

This important development has fundamentally changed the technical outlook and possibilities in the screen printing industry.

By utilization of air-pressure which in itself equalizes automatically it has become possible to employ stable mesh materials. The compressed air pumped into a tire renders the required elasticity; it further stretches the screen to a tympan-like hardness unequalled by any other method.

The new invention involves the application of Stainless Steel Mesh which without doubt is far superior to any other kind of material.

The advantages of stainless steel mesh are as follows:

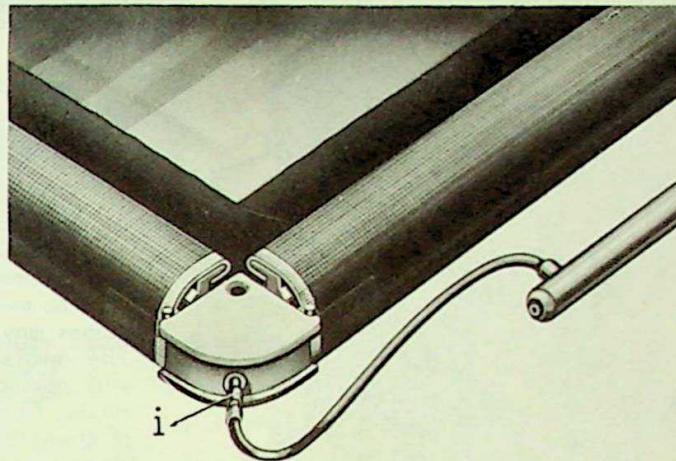
- (1) Stainless Steel Mesh which is manufactured from chromium nickel alloy wire, having an outstanding tearing strength is the most economical material to use.
- (2) Most of the chemicals employed in screen printing do not damage chromium nickel steel and frequent changes of stencils will not harm the material.
- (3) The dimensional stability of SPS Mesh ensures perfect register.

A further advantage is gained by the application of the SPS Pneumatic Stretching System which enables "contact-free" printing. This ensures a sharp definition with an unbroken, unslurred and even deposit. Using elastic mesh together with a rigid frame it is necessary to elongate the mesh material for contact free printing when the squeegee is in motion.

Inside the metal frames, attached to each mesh, are plastic strips which act as an ink-duct. This makes taping of the screens unnecessary and avoids passage of ink through the sides.

The SPS Pneumatic Frames are made from hardened special aluminum alloy tubes which are joined together by strong corner pieces made of cast aluminum. This ensures stiff rectangular frames, rigid against distortion. Unlike wooden frames the metal frames therefore are a permanent investment.

WRITE FOR PRICE SHEET



ACCLAIMED BY SCREEN PRINTERS OF DIALS,  
PRINTED CIRCUITS, PLASTICS, ETC., BECAUSE....

- Prints sharper than any other method.
- Maintains perfect registration.
- It's so easy to stretch perfectly and parallel.
- Can be used over and over again.
- Mesh can last up to 3 years.
- Prints closer to the edge of screen.

## SPECIFICATIONS

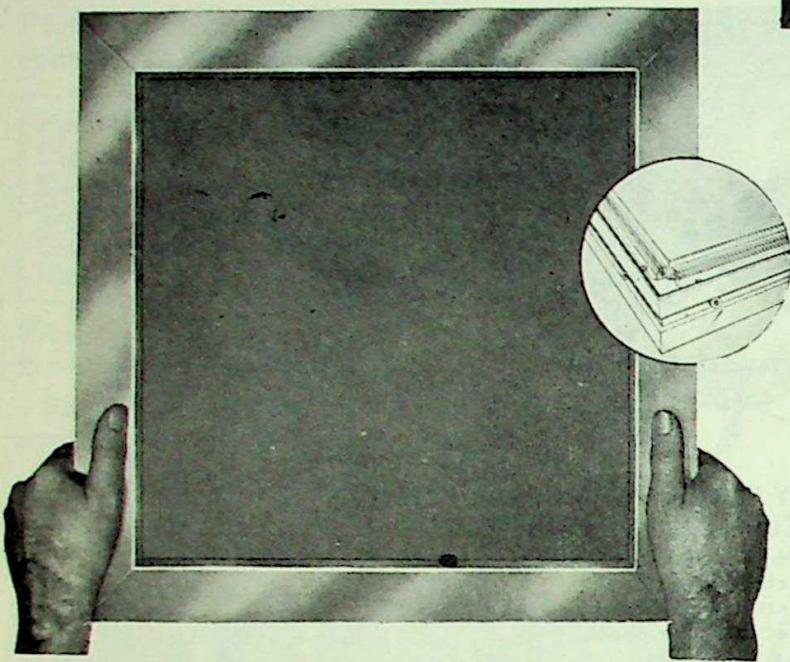
Cat. No.	Printing Size	Identification	Outside Frame Size	Inside Frame Size
20	11-5/8" x 16-1/2"	DIN A3	21-1/2" x 27"	16-3/4" x 22-1/4"
30	11-1/2" x 25"	General Electric	22" x 36"	17-3/8" x 31-3/8"
40	12" x 22"	Motorola	20" x 30"	15-1/4" x 25-1/4"
50	14" x 18"	Standard	22-3/4" x 27-1/8"	18-1/4" x 22-1/2"
60	16" x 24"	Pace I	28-3/4" x 32-1/2"	24" x 27-3/4"
70	18" x 25"	Standard	30-1/4" x 38-1/4"	25-1/2" x 33-5/8"
80	20" x 30"	Standard	30" x 40-1/2"	25-1/4" x 35-7/8"
90	24" x 30"	Pace II	38" x 40-1/2"	33-1/4" x 35-3/4"
100	24" x 30"	Hartfeldt I	35" x 41-3/8"	30-3/8" x 36-5/8"
110	30" x 30"	Hartfeldt SP	41" x 41"	36-1/4" x 36-1/4"
120	30" x 45"	Hartfeldt II	41-3/8" x 56-3/8"	36-5/8" x 51-5/8"
130	30" x 45"	Econ-O-Matic III	46" x 55-1/2"	41-1/8" x 50-3/4"
140	32" x 42"	Delco	42-1/8" x 52"	37-3/4" x 47-5/8"
150	35" x 50"	Standard	45-1/2" x 60-1/8"	41-1/8" x 56-1/2"

ANY STANDARD OR SPECIAL SIZE MADE TO YOUR SPECIFICATIONS  
Hand Pump for quickly inflating pneumatic screen ... only \$3.50 each

**ADVANCE** PROCESS SUPPLY CO., INC.

CHICAGO 12, ILLINOIS U.S.A.

# THE DIA PRINT SCREEN CHASE



- **4 WAY TENSION**

This feature gives an over-all movement of one inch more than enough.

- **NEW "SLIP LOCK" HOLDING DEVICE**

No screws...biggest time saver for applying steel mesh to frames. Allows the steel to slip until equal tension is on all filaments. The unit then is self-locking. Off-contact printing is now safe, since wire cloth is under proper tension and will not snap.

- **BUILT-IN OFF CONTACT**

Inside channel is higher than outside channel. This feature assures good off-contact printing, plus protection for mesh while it is being stored.

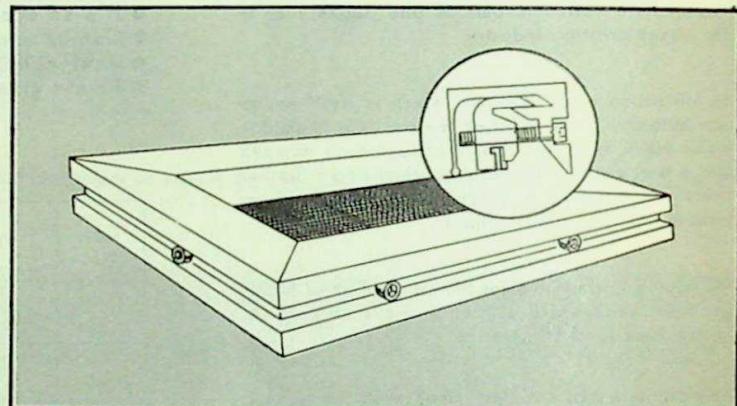
- **HIGHEST STRENGTH**

Extruded aluminum tested to 38,000 P.S.I.

Wedge-lock, Maple	\$ .12 per foot
Wedge-lock, Aluminum	.18 per foot
Wedge-lock, Maple kit - consisting of 12 pcs. 4 feet long	\$5.50
(prices subject to change without notice)	

OPERATES ON A FLOATING BAR PRINCIPLE,  
TENSIONING ON A FLAT PLANE INSURING A  
"PERFECT STRETCH"

The Dia-Print Screen Chase\* achieves its tension through a straight outward pull, thereby eliminating the loss of tension created when the mesh is drawn over a corner. This Screen Chase is flush on all sides. It will fit most screen printing machines without modification. Such additions as hinges may be bolted or welded at a slight additional cost. The unit is inside channel beaded, insuring that paint will not leak under mesh and lodge between frame and mesh. The heli-arc welded feature provides a high degree of strength ---- corners are as strong as channel members. Since no holes are punched in wire cloth, the mesh (after design is of no value) may be washed in a caustic bath and re-used or stored for future use.



Size	I/D Inches	List Price	Size	I/D Inches	List Price
8x12	40	47.18	16x28	88	72.25
10x12	44	49.38	18x20	76	67.80
10x14	48	51.58	18x22	80	69.23
10x16	52	53.80	18x24	84	71.43
12x14	52	53.80	18x26	88	72.25
12x16	56	56.00	18x28	92	75.85
12x18	60	58.20	18x30	96	78.05
12x20	64	60.42	18x32	100	80.25
14x16	60	58.20	18x34	104	82.45
14x18	64	60.42	18x36	108	84.67
14x20	68	62.62	20x22	84	71.43
14x22	72	64.82	20x24	88	72.25
14x24	76	67.80	20x26	92	75.85
16x18	68	62.62	20x28	96	78.05
16x20	72	64.82	20x30	100	80.25
16x22	76	67.80	20x32	104	82.45
16x24	80	69.23	20x34	108	84.67
16x26	84	71.43	20x36	112	86.87

Special Sizes \$1.05 per Perimeter Inch

**ADVANCE PROCESS SUPPLY CO., INC.**  
CHICAGO 12, ILLINOIS U.S.A.

## SQUEEGEES

BALANCED PRECISION  
LIFETIME METAL

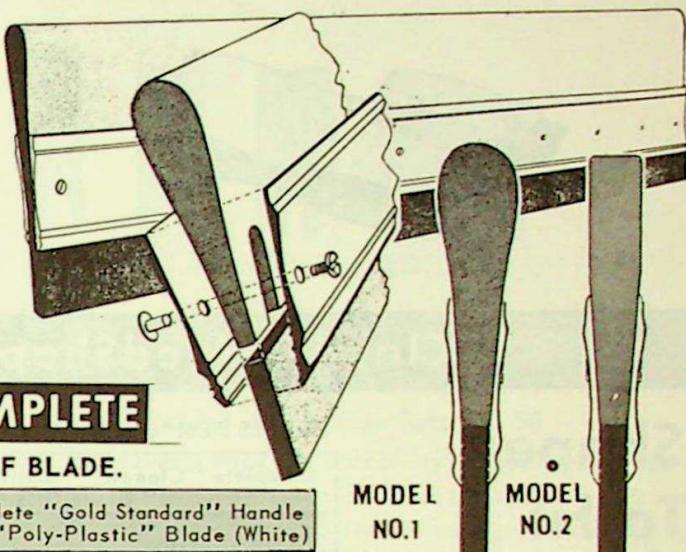
### "GOLD STANDARD" SQUEEGEE COMPLETE

COMPLETELY ASSEMBLED WITH YOUR CHOICE OF BLADE.

Complete "Gold Standard" Handle with "Standard" Blade (Black)				Complete "Gold Standard" Handle with "Everlast" Blade (Tan)				Complete "Gold Standard" Handle with "Poly-Plastic" Blade (White)			
Sizes 1"-10"	Sizes 11"-71"	Sizes 72"-143"	Full Length 144"	Sizes 1"-10"	Sizes 11"-69"	Sizes 70"-138"	Full Length 139"	Sizes 1"-10"	Sizes 11"-69"	Sizes 70"-138"	Full Length 139"
.26 per inch	.27 per inch	.28 per inch	\$35.50 each	.28 per inch	.29 per inch	.30 per inch	\$39.00 each	.44 per inch	.45 per inch	.46 per inch	\$59.90 each

Specify Blade - Durometer - Soft - Medium - Hard - Specify Model 1 or 2 Handle

MODEL NO.1      MODEL NO.2



Now you can grip any squeegee blade properly and vary "hardness" and resistance by a simple setting of grip-bak side plate. You can use the same handle and just change your blade if necessary.

Squeegee blade can be reversed using all four sharp edges. Blades can be easily adjusted and changed in a jiffy. Made expressly for all blade sizes. Effective durometer of blade may be adjusted by moving sides up or down. Side plates keep the handle and blade straight. Made of lightweight anodized aluminum.

### "GOLD STANDARD" HANDLE ONLY

ANY SIZE INCLUDING "SURE-GRIP" SIDE PLATES & BOLTS

Size 1"-10" .17 per inch      Size 11"-143" .18 per inch      Full Lengths - 144" \$24.50 per length

Specify - Model #1 or Model #2 Style Handle

### All Metal "PROLITE" SQUEEGEE HANDLE ONLY

All-Metal lightweight handle. Grips all 3/8" and 1/2" blades. Easy to clean and keep clean. This handle is non-warping and stays straight. Blades can be changed or replaced easily. Gives you a comfortable hand-forming grip. Lengths up to twelve feet. Height of handle 4 1/2" - weights, one pound per foot.

Catalog No. PRO-112

Prices for the "PROLITE" Handle only - any size including Hinge Pin and Bolts.

Sizes 1"-10"	.23 per inch
Sizes 11"-143"	.25 per inch
Full Lengths 144"	\$34.50 per length

### THE "PROLITE" SQUEEGEE COMPLETE

COMPLETELY ASSEMBLED WITH YOUR CHOICE OF BLADE

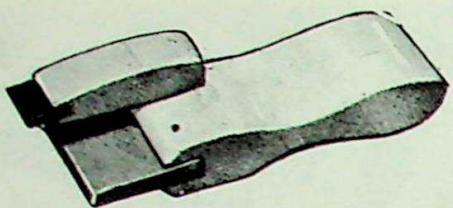
Complete "Prolite" Handle with "Standard" Blade (Black)				Complete "Prolite" Handle With "Everlast" Blade (Tan)				Complete "Prolite" Handle With "Poly-Plastic" Blade (White)			
Sizes 1"-10"	Sizes 11"-71"	Sizes 72"-143"	Full Length 144"	Sizes 1"-10"	Sizes 11"-69"	Sizes 70"-138"	Full Length 139"	Sizes 1"-10"	Sizes 11"-69"	Sizes 70"-138"	Full Length 139"
.32 per inch	.33 per inch	.34 per inch	\$46.00 each	.34 per inch	.35 per inch	.36 per inch	\$48.75 each	.50 per inch	.51 per inch	.52 per inch	\$70.00 each

Specify Blade - Durometer - Soft - Medium - Hard

**ADVANCE PROCESS SUPPLY CO., INC.**

CHICAGO 12, ILLINOIS U.S.A.

**ADVANCE manufactures the right squeegee for your job**



As the Silk Screen Process continues to expand certain facts are recognized.

1. There is a right squeegee for hand operations and for machine operation.
2. Hand operators prefer various types of handles.

3. Soft and Dull Squeegees deposit more color.
4. Hard Sharp Squeegees deposit less color, thus producing faster drying.
5. The type of Solvents in the ink you use should not affect the squeegee blade.

## Classic WoodShaped Squeegee Complete

**Shaped  
To Fit  
Any Hand  
With  
Comfort**

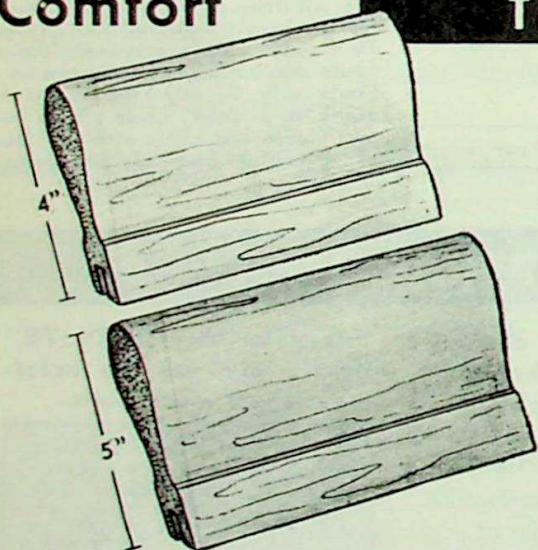
PRICES FOR "CLASSIC" SHAPED-WOOD HANDLE COMPLETE ASSEMBLED WITH YOUR CHOICE BLADE

Complete "Classic" Handle with "Standard" Blade (Black)				Complete "Classic" Handle with "Everlast" Blade (Tan)				Complete "Classic" Handle with "Poly-Plastic" Blade (White)			
Sizes 1"-10"	Sizes 11"-71"	Sizes 72"-143"	Full Length 144"	Sizes 1"-10"	Sizes 11"-69"	Sizes 70"-138"	Full Length 139"	Sizes 1"-10"	Sizes 11"-69"	Sizes 70"-138"	Full Length 139"
.14 per inch	.15 per inch	.16 per inch	\$20.00 each	.16 per inch	.17 per inch	.18 per inch	\$22.25 each	.32 per inch	.33 per inch	.34 per inch	\$43.25 each

Specify - Blade -- Durometer - Soft - Medium - Hard

Specify - 4" Women Size or 5" Men Size

## THE "CLASSIC" WOOD SHAPED HANDLE



Prices for the "Classic" Shaped-Wood Handle only any size specify 4" or 5" Height.

Sizes 1"-10"	.05 per inch
Sizes 11"-143"	.06 per inch
Full Lengths 144"	\$8.00 per length

"Classic" Handle to be used with 3/8" Thick Blade.

The wood shaped Squeegee handle will not split, splinter or crack. It is made of selected kiln dry lightweight stock. Smooth finish, perfectly formed to fit the hand. Choice of four inches in height for women or five inches for men.

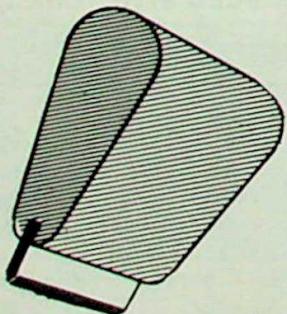
Grooved for 3/8" blade. Lengths up to twelve feet. Order complete with aluminum telescopic fastening bolts. No paint pockets. Catalog No. SSH-612

## PEE WEE Squeegee

A handy little production Squeegee. Shaped scientifically to fit the hand comfortably. The double-sided bevel edged blade angle is ideal for printing small parts and fine detail and for printing on uneven surfaces.

Only three inches high. Neoprene blade. Available in all lengths up to twelve feet.

Catalog No. PW-312 complete . . . . . \$08 per inch  
Handle only . . . . . \$05 per inch  
Blade only . . . . . \$03 per inch

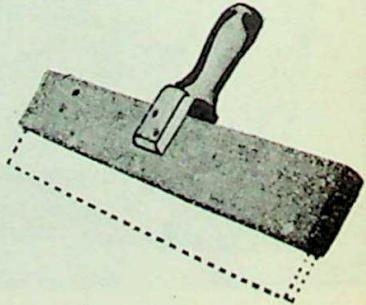


## "GRIP-IT" One Hand Squeegee Handles Eastern Style

A rounded, easy-to-grip handle especially made to fit ADVANCE square cut grip-it squeegee size stock. This handle is offered to meet the demand of women workers for an easy to grip handle.

Excellent for small size Squeeges and for continuous operation. See grip-it square cut squeegee stock.

Catalog No. OH-59, Handle only . . . . . \$05 ea.  
Square cut grooved stock for 3/8" blades \$10 per in.



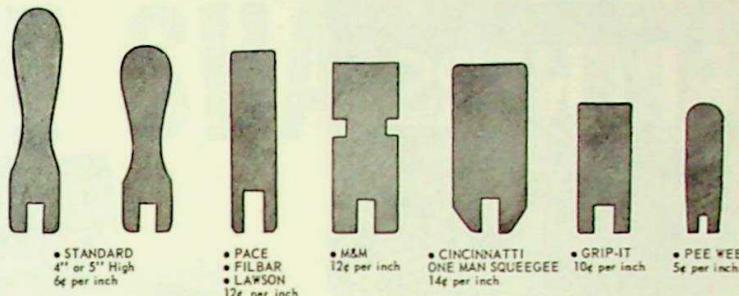
**ADVANCE** PROCESS SUPPLY CO., INC.

CHICAGO 12, ILLINOIS U.S.A.

# SQUEEGEE PARTS

## Blades and Handles

Handles are made of clear seasoned  
KILN DRIED PONDEROSA PINE  
Perfect straightness is assured



### EVERLAST BLADE Tan-Grey

Sizes Thickness & Height	Price per Running Inch	Approx. Durometer Hardness
3/16" x 1"	.04	60 - 65
3/16" x 1-3/4"	.08	60 - 65
3/16" x 2-1/4"	.08	60 - 65
3/16" x 2-1/2"	.09	60 - 65
3/8" x 15/16"	.06	60 - 65
3/8" x 1-7/8"	.10	45 - 75
3/8" x 2-1/4"	.14	60 - 65
3/8" x 2-3/4"	.18	60 - 65
3/8" x 3-1/2"	.24	60 - 65
3/8" x 4-3/4"	.30	60 - 65
1/2" x 2-1/2"	.22	60 - 65
1/2" x 5"	.44	60 - 65

Other sizes available - All durometers (Specify)

### SQUEEGEE SHARPENING GARNET

(For sharpening all squeegee blades.)

An extra heavy hard surfaced garnet of the proper fineness sharp abrasive. For most silk screen printing a sharp squeegee is an absolute necessity. Standard width is six inches.

Quantity	1 Yd.	5 Yd.	10 Yd.	25 Yd.	50 Yd.
Price	\$ .70	\$3.25	\$5.50	\$12.50	\$17.95

### BEVELED BLADES - DEPENDABLE PRESS

3/8" x 2" Neoprene .25¢ per inch  
3/8" x 1 3/4" Polyplastic .50¢ per inch

### "POLY-PLASTIC" The NEW PLASTIC SQUEEGEE-Millions of Prints without Sharpening

Only "POLY-PLASTIC" gives you  
 • High abrasive resistance  
 • High tensile strength  
 • Does not AGE  
 • High cut and tear resistance  
 • High ozone resistance  
 • Homogeneous  
 • Resistance to oil, grease, and gasoline  
 • Resistance to strong solvents  
 • Excellent for press use on all types of material

#### AVAILABLE IN

SOFT.....	Approx. 55 Durometer
MEDIUM SOFT.....	Approx. 60 Durometer
MEDIUM.....	Approx. 70 Durometer
HARD.....	Approx. 75 Durometer
EXTRA HARD.....	Approx. 80 Durometer

#### TEST PROVEN FACTS

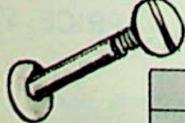
- No sharpening
- Pressure reduced from 12 lbs. to 4 lbs.
- Broken glass will not damage "POLY-PLASTIC"
- Will not absorb oils from colors
- Can be REUSED without fear of contamination
- Perfect for HOT ceramic application

3/8" x 1-7/8" - \$.27 inch-Full Strip 11'9"  
 3/8" x 2-1/4" - \$.34 inch-Full Strip 11'9"  
 1/2" x 2-1/2" - \$.80 inch-Full Strip 11'9"  
 1/2" x 5" - \$1.60 inch-Full Strip 11'9"  
 10% Discount in Full Strips

Special lengths to meet your requirements.

### TELESCOPIC FASTENING BOLTS Aluminum

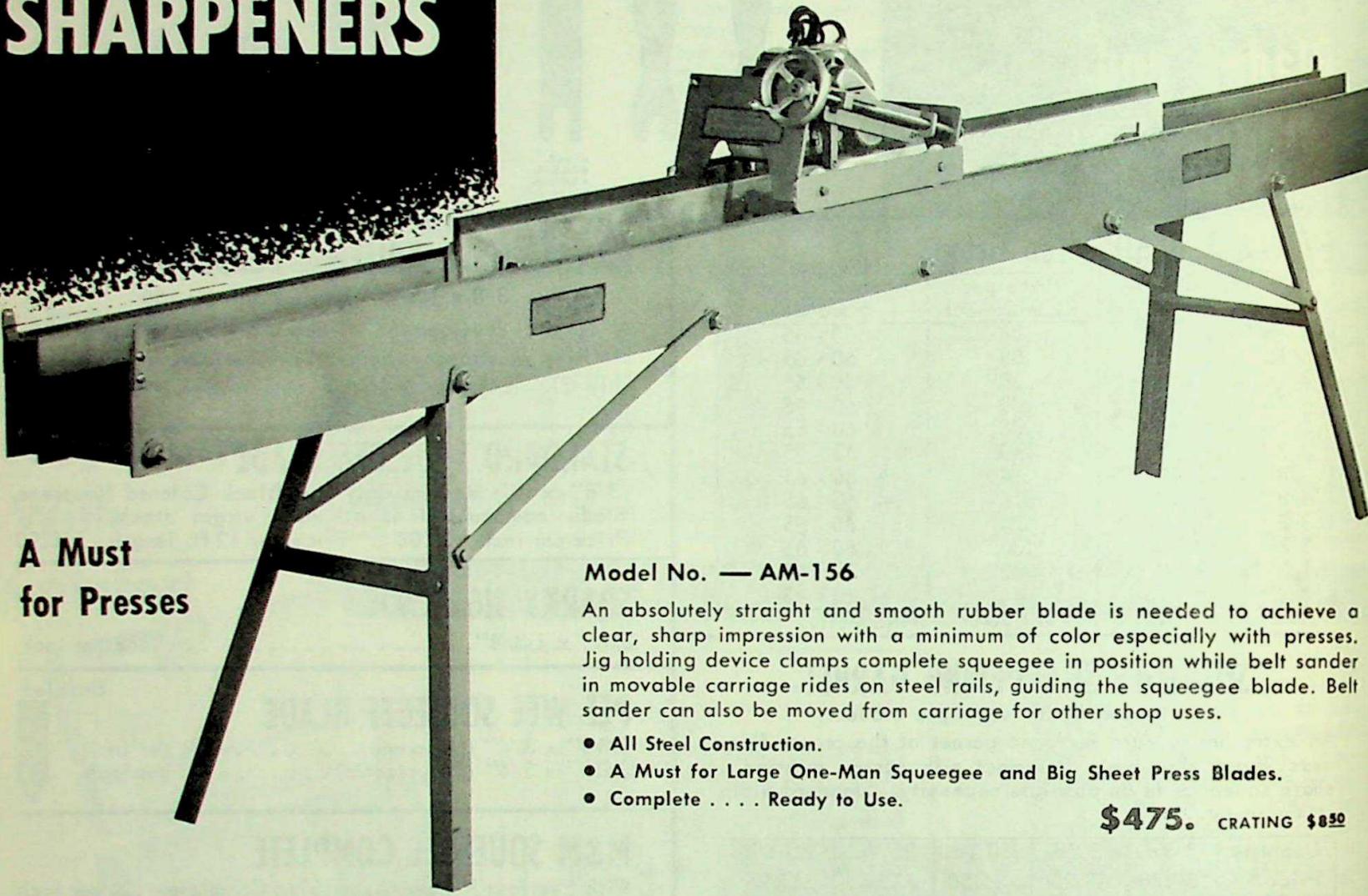
Accurately machined telescopic bolts for clamping squeegee blade to handle. Rustproof and easy to assemble.



Standard 1" size	per dozen .. \$.55	per 100. .. \$.3.25	per 1000. .. \$.26.65
Special 1/2" size	per dozen .. \$.50	per 100. .. \$.2.95	per 1000. .. \$.23.15
Special 1-1/2" size	per dozen .. \$.60	per 100. .. \$.3.60	per 1000. .. \$.29.95

# SQUEEGEE SHARPENERS

*Designed for Large  
Size Squeegees*



A Must  
for Presses

Model No. — AM-156

An absolutely straight and smooth rubber blade is needed to achieve a clear, sharp impression with a minimum of color especially with presses. Jig holding device clamps complete squeegee in position while belt sander in movable carriage rides on steel rails, guiding the squeegee blade. Belt sander can also be moved from carriage for other shop uses.

- All Steel Construction.
- A Must for Large One-Man Squeegee and Big Sheet Press Blades.
- Complete . . . Ready to Use.

\$475. CRATING \$850

## OIL GATE

For Heavy Varnish & Paint



NO. 700

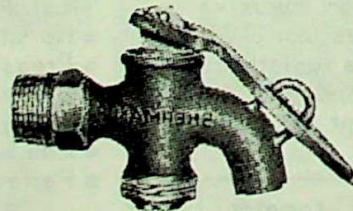
Made of finest grey iron castings. Accurately machined. Industrial type handle designed for frequent and closely timed opening and closing. Lapping of brass face plate makes perfect seal to prevent leaking.

Available in the following sizes:  
U. S. Standard Iron Pipe Thread.

$\frac{3}{4}''$   $1\frac{1}{2}''$   $2''$   
PRICE \$275 \$395 \$495

## FAUCETS

For Light Liquids



Brass No. 650  
 $\frac{3}{4}''$  U.S. Standard Iron Pipe Thread

PRICE \$295

## BARREL PUMP

An all purpose unit for the transfer of liquids from drums, barrels and tanks.

The Unit Consists of:  
10 GPM pump with crank and hard wood handle.  
Spout with pail hook.  
Bung attachment for either  $1\frac{1}{2}''$  or  $2''$  I.P. openings.  
Water deflector which prevents water or dirt from entering the barrel.  
Suction pipe -  $\frac{3}{4}'' \times 40''$  beveled on lower end.  
Shpg. Wt. - 15 lbs.



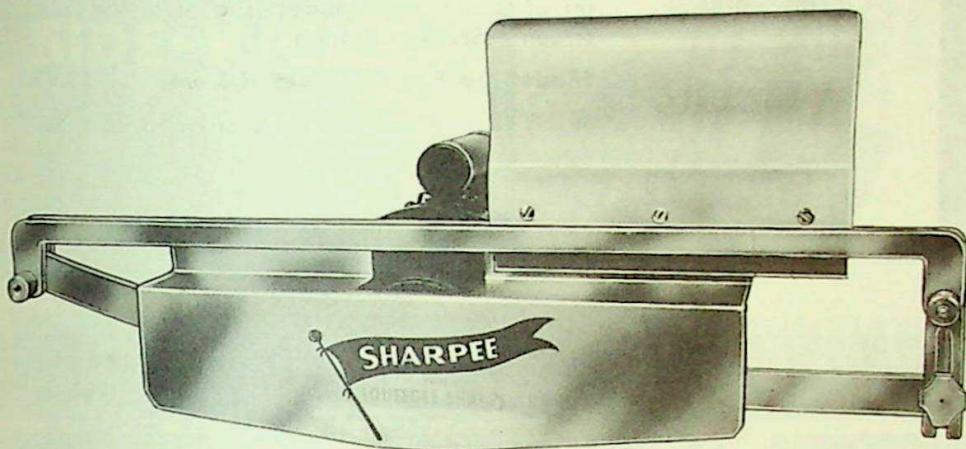
PRICE \$2405



**ADVANCE PROCESS SUPPLY CO., INC.**

CHICAGO 12, ILLINOIS U.S.A.

# "Little Sharpee" precision SQUEEGEE SHARPENER



ONLY  
**\$99<sup>50</sup>**

- Sharpens any Squeegee Blade thickness.
- Simple coarse and fine adjustment.
- Accommodates any length Squeegee.
- Enclosed High Torque Capacitor 1/4 H. P. Motor.
- Eight Foot Heavy Duty Line Cord.
- Convenient and approved Switch.
- Quiet and compact.
- Unconditionally guaranteed for one year.
- Requires no wheel dressing.
- Quick-change sleeve replacement.
- Requires no special skill to operate.
- All parts Rust-proof.

## NEW LONGER, STURDIER RAILS

A sharp edge Squeegee will print finest details and conserve color. Now for the first time in Screen Process history every shop can afford a "Sharpee" PRECISION Squeegee Sharpener. The features of the "Sharpee" Precision Sharpener were developed over a period of several years by EXPERTS. This compact unit will delight you by its smooth, uniform cutting operation. Many satisfied users have already acclaimed the "Sharpee". Order a "Sharpee" Precision Sharpener TODAY 4 Wheel Sleeves Included.



## STAND for SHARPEE

A sturdy well balanced stand for mounting the "Sharpee". Just the right height for comfortable working - will never tip. Finished in Black Gloss.

**\$29<sup>95</sup>**

FULLY GUARANTEED  
FOR ONE YEAR

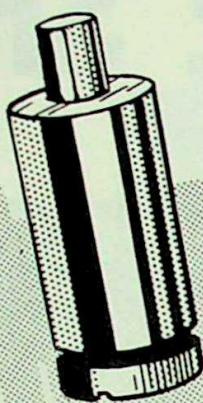
O EXTRA WHEEL SLEEVES.  
\$ .25each - \$2.25dozen.

**ADVANCE** PROCESS SUPPLY CO., INC.

CHICAGO 12, ILLINOIS U.S.A.

# GUIDES FOR ACCURATE REGISTRATION

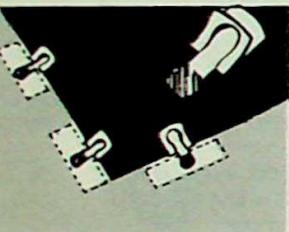
# Disappearing Guides



A beautifully machined guide which can be inserted into a 1/2" hole in your base. Feed to the round portion. A pressure adjustable micro spring will return the feeding guide to up position after the screen print is made. This set of 3 precision guides is a must for your screen process operation.

**Model No. FG-D1** Set of 3 only . . . \$3.95  
3 Sets only \$3.75 a Set

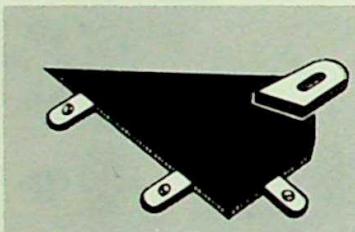
Paper Feeding  
Guides



**Model No. FG-P2**

Simple to set and easy to feed into. Spring clip holds paper while printing. Excellent for decals . . . Set of 3 .... 25¢  
6 Sets only . . . 20¢ Set  
12 Sets only . . . 15¢ Set

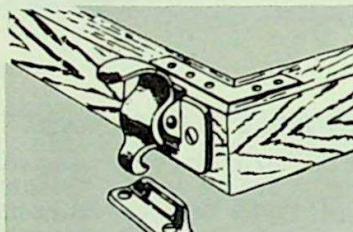
Feeding Guides  
for Cardboard



**Model No. FG-C3**

Simple to set and easy to feed into.  
Set of 3 only . . . 50¢  
3 Sets only 40¢ a Set

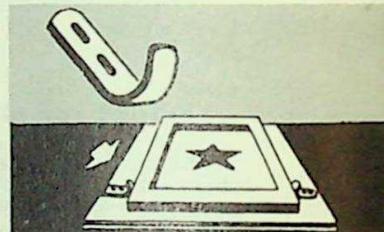
Automatic  
Screen Lock



**Model No. FG-SC1**

Holds screen down tightly to table and in close contact with the work being done. This handy shop accessory is very useful especially for screens which are counter-balanced in such a way that they raise by themselves when the lock is released. Each Set . . . \$1.35  
6 Sets . . . \$1.10 Each

Frame  
Register Guides



**Model No. FG-R1**

A set of these positive acting silk screen guides are excellent for accurate color printing. Just affix to base with screen in closed position and slide frame guides snugly to screen edge, then lock with screws.

50¢ Pair

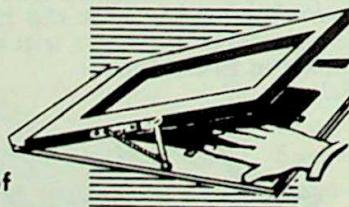
Including Screws and Washers

## Jiffy Automatic SIDEKICK

- Fastens quickly
- Operates smoothly
- Fully automatic
- Sturdy and rustproof

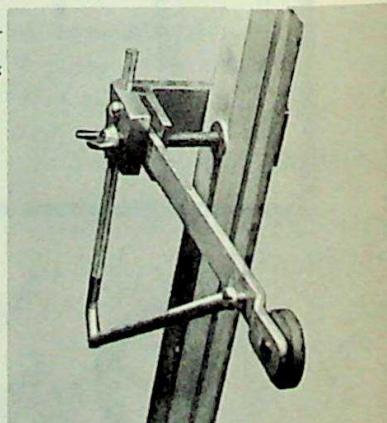
The "Jiffy" Automatic SIDEKICK is the finest device of its kind. Sixteen different quick change spring adjustments assure you of finger-tip lowering tension and smooth even raising of the screen. Silk screens can be raised to practically any height by simple adjustment.

Just fasten the "Jiffy" Automatic SIDEKICK to any frame and increase your production. Specify right or left side model.



**Model No. SK-1** \$3.75 EACH

## Clamp-On SIDEKICK



**Model No. SK-2** . . . . .

\$6.95 EACH



**ADVANCE** PROCESS SUPPLY CO., INC.

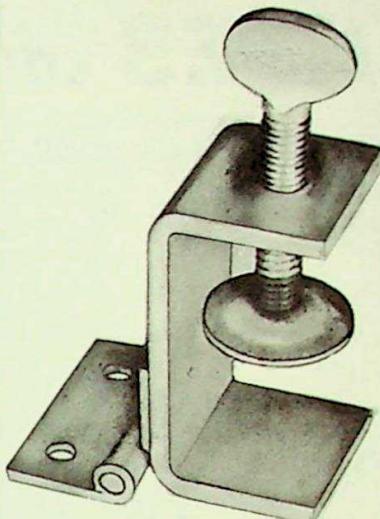
CHICAGO 12, ILLINOIS U.S.A.

# HINGE CLAMPS and SIDE-KICKS

## "Apsco" Heavy Duty Hinge Clamps

For Simple Mounting and Adjusting All Screens

Model No.  
**HC-1**



Change any size silk screen frame from  $\frac{3}{4}$ " to  $1\frac{1}{8}$ " thick in less than a minute. You are assured of countless carefree impressions in perfect register with this new timesaver.

Ideal for sample and color runs.

- Simple Set-up
- Perfect Registration
- Fastest Screen Change
- Complete with Screws
- Completely Adjustable

**Model No. HC-1 . . . \$3.95 Pair**

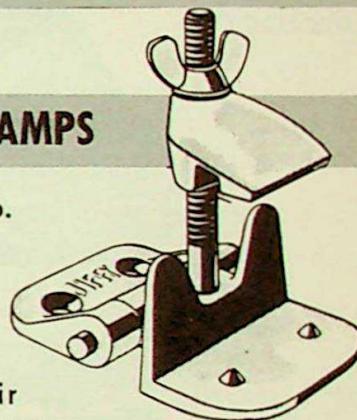
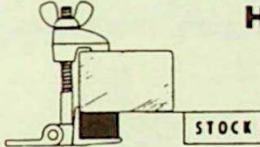
10% DISCOUNT IN DOZEN QUANTITIES

## "JIFFY" EXTRA HEAVY DUTY CAST HINGE CLAMPS

A SUPER RUGGED SCREEN CLAMP  
WITH THE FOLLOWING FEATURES:

- Sturdy cast construction for precision work.
- Positive locking clamp holds screens up to 3" thick.
- Guide Flange makes registration adjustments easy.
- Loose pin permits quick removal of screen.

Model No.  
**HC-2**

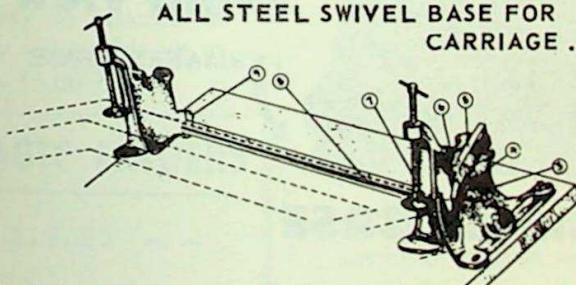


**Model No. HC-2 . . . \$7.95 Pair**

10% DISCOUNT IN DOZEN QUANTITIES

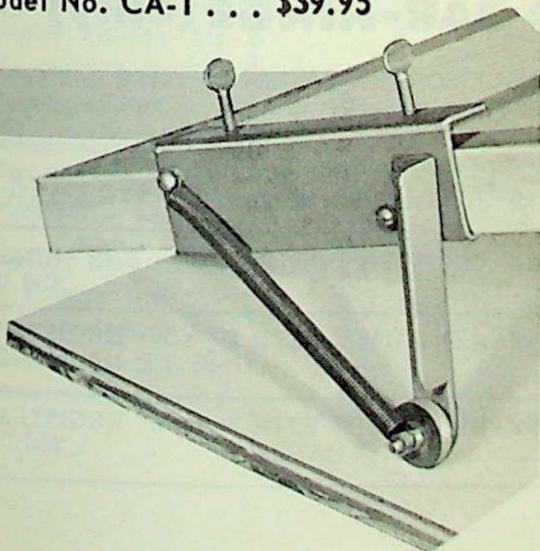
## COLE SCREEN PRINTING CARRIAGE

ALL STEEL SWIVEL BASE FOR  
CARRIAGE .... \$27.50



**Model No. CA-1 . . . \$39.95**

- With the Cole Screen Carriage you can change from one screen to another in LESS THAN ONE MINUTE.
- Maintain PERFECT REGISTER.
- Handles any flat screen to 30" x 36".
- SPECIAL AUTOMATIC LOCK holds screen in raised position.
- A TOUCH returns screen to Printing base.
- MADE OF BRONZE for long life—no rust.
- Can handle frames to 2" thickness.
- Transverse bar is standard at 24" but can be furnished in longer length at extra cost.
- Extra sliding clamps can be furnished where unusually heavy screens are used.
- Easily attached to any table by four bolts or screws.



## HEAVY-DUTY SIDE KICK

Models No. SK-26 and SK-29

6" Spring Kick Arm for Screen Frames up to 30" x 45". 9" Spring Kick Arm for Screen Frames up to 48" x 80". One pair (one left and one right).  
(These kick arms eliminate screen counterweighting.)

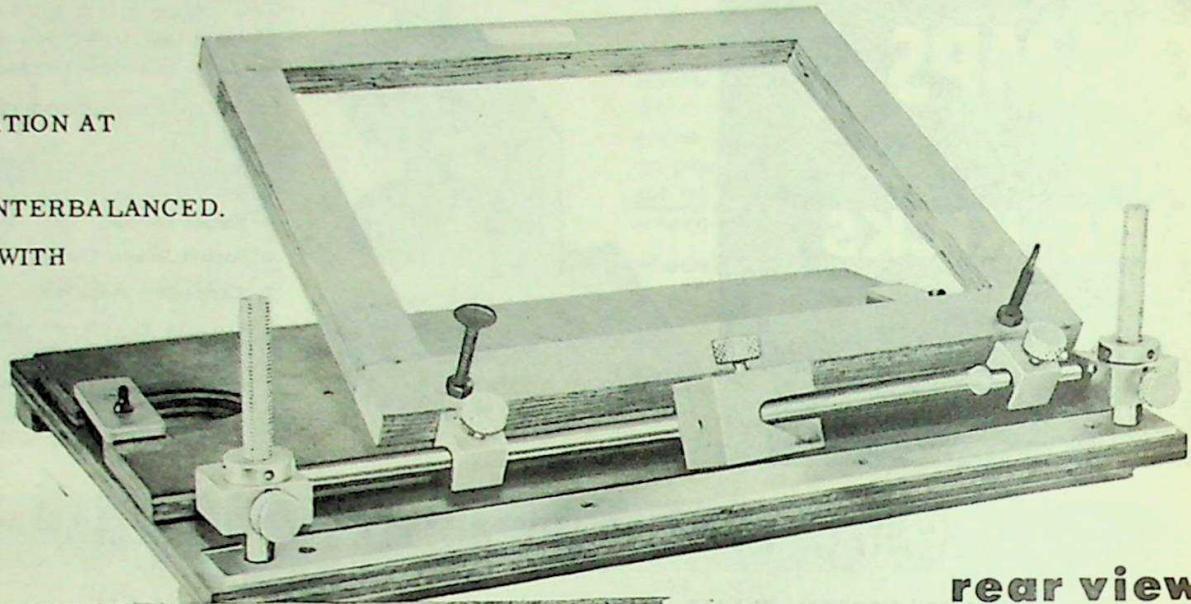
6" Side-Kick Model No. SK-26 . . . . \$ 9.50 each  
9" Side-Kick Model No. SK-29 . . . . \$10.50 each

**ADVANCE PROCESS SUPPLY CO., INC.**

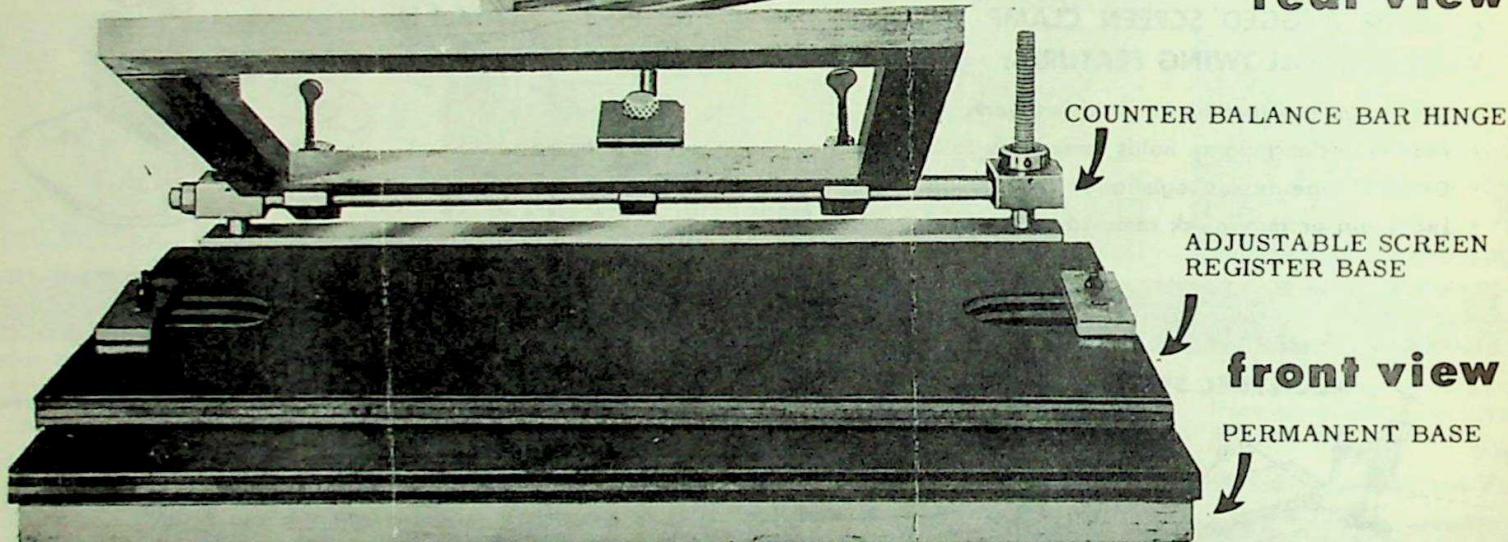
CHICAGO 12, ILLINOIS U.S.A.

# ADJUSTABLE SCREEN REGISTER BASES COUNTER BALANCED

- HAIRLINE REGISTRATION AT ALL DEGREES.
- COMPLETELY COUNTERBALANCED.
- PERMANENT BASE WITH ADJUSTABLE BASE.
- EASY TO SETUP.
- FASTER PRODUCTION.



rear view



front view

PERMANENT BASE

## ADJUSTABLE SCREEN REGISTER BASE

or

## ADJUSTABLE COUNTER BALANCED BAR-HINGE (only)

(COUNTERBALANCED)

For Hairline registration that stays permanent with  
PERMANENT AND ADJUSTABLE BASE

The ADJUSTABLE SCREEN REGISTER BASE will give you the degree of perfection in silk screen printing that is the accepted standard in the industry.

The ADJUSTABLE SCREEN REGISTER BASE will obtain maximum registration from all degrees.

The ADJUSTABLE SCREEN REGISTER BASE will eliminate any past registration problems and give you an ease of operation that will increase your production.

The ADJUSTABLE SCREEN REGISTER BASE is a precision manufactured piece of equipment, completely machined.

The two post unit will accommodate all the screens up to 35"x40" completely counterbalanced.

ADJUSTABLE COUNTER BALANCED BAR - HINGE only.....	\$90.00
25"x30" PERMANENT BASE WITH 20"x30" REGISTER- ING BASE.....	\$28.50
40"x40" PERMANENT BASE WITH 35"x40" REGISTER- ING BASE.....	\$56.00



**ADVANCE PROCESS SUPPLY CO., INC.**

CHICAGO 12, ILLINOIS U.S.A.

**MAGIC FINGERS**



# *magic hand*

**FOR SUPERIOR REGISTER**

## **MAGIC HAND**

PRICE  
ONLY \$87.50

Price includes screen clamp and registering mechanism, 2 slide bars and span bar to fit 32" table. Special size span bar may be ordered to fit any width table up to 48" — \$5.00 extra.

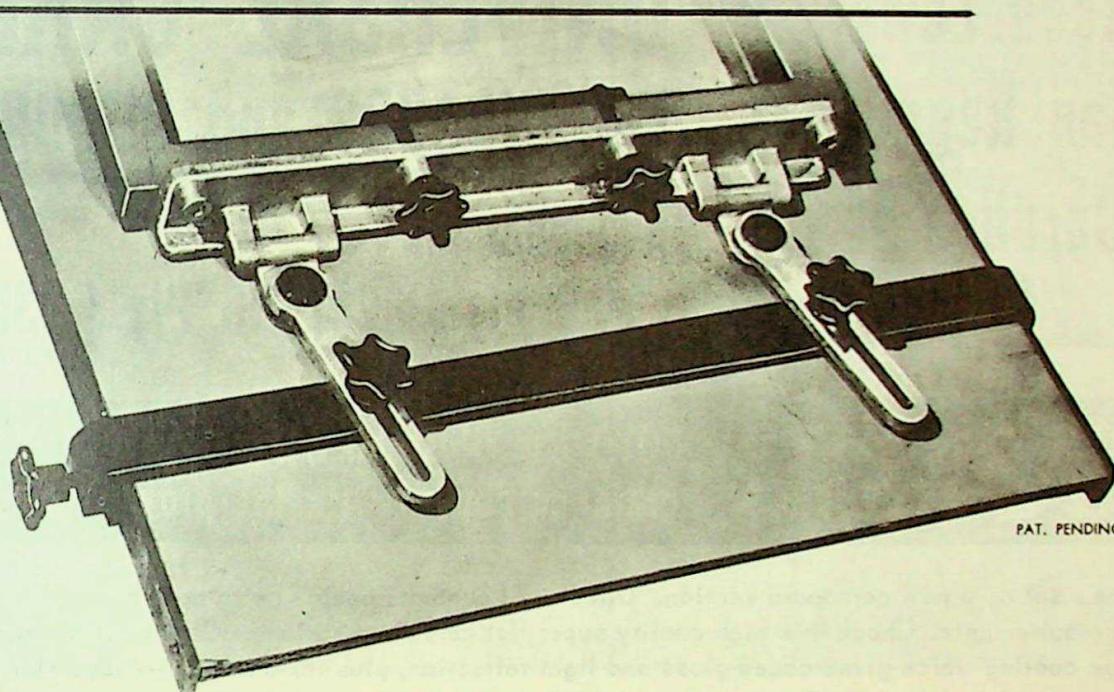
## **MAGIC FINGERS**

\$19.95 per set

Set of 2 can be used on any table; Guides the screen, assuring perfect registration.

## **GUARANTEE**

The Magic Hand and Magic Fingers are absolutely guaranteed for one year against any defect in workmanship or materials.



### **FOR THE HAND TABLE PROCESSOR**

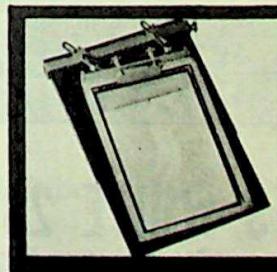
**EFFICIENT** — You can set up a job in perfect register in less than 2 minutes — with no tools.

**ECONOMICAL** — Nothing to wear out — your saving of time in set-ups will soon pay for the original investment.

**SIMPLICITY** — Any squeegee operator, man or woman can set up their own jobs. No tools needed.

**FLEXIBILITY** — It will clamp any screens made of stock varying from 1"x1" up to 2"x4".

**PROVEN** — Magic Hand and Fingers have been used in commercial silk screen shops with thousands of set-ups. They really work.



A screen can be securely locked in any position ready for printing in less than two minutes.



Any size screen can be placed in convenient reach of the operator at the front of the table.

**ADVANCE** **PROCESS SUPPLY CO., INC.**

CHICAGO 12, ILLINOIS U.S.A.

**RAIN-DRI****OUTDOOR WATERPROOF  
WHITE CARDBOARD**

## A Superior Grade Opaque WHITE SUPER FLAT BOARD

**NOW!**  
Priced Lower  
Than Regular  
Cardboard

Reduce your inventory with the one  
**UNIVERSAL CARDBOARD**  
For INDOORS and OUTDOORS

Available in...

...6 Ply (.024)-10 Ply (.036)-14 Ply (.050)

**UNIFORMITY and QUALITY**

NOW! Use Gloss Inks, Flat Inks, or Varnish on this long grain cardboard with the proven printability surface.

Advance has set up a new cardboard section. Direct mill contacts enable us to compete with and service all of your white cardboard requirements. Check this high quality super flat cardboard surface. Clay coating is a Dow Latex Thermoplastic Binder type coating which gives added gloss and light reflection, plus ink mileage --- lays flat.

**6 PLY .. .024 THICK .. COATED 1 SIDE WHITE 28"×44"**

Size	1-99 sheets	100 sheets	500 sheets	1000 sheets	Special quotes in larger quantities. Any size, grain or thickness. You pay for no waste.
28"×44"	\$.23 each	\$15.90 hundred	\$14.50 hundred	\$12.25 hundred	

**10 PLY .036 THICK COATED 2 SIDES WHITE 21"×44", 28"×44", 45"×60"**

Size	1-99 sheets	100 sheets	500 sheets	1000 sheets	Special quotes in larger quantities. Any size, grain or thickness. You pay for no waste.
28"×44"	\$.33 each	\$25.50 hundred	\$23.10 hundred	\$21.90 hundred	
21"×44"	.28 each	19.75 hundred	17.40 hundred	15.90 hundred	
45"×60"	.75 each	55.90 hundred	51.95 hundred	47.75 hundred	

**14 PLY .. .050 THICK .. COATED 2 SIDES WHITE 28"×44"**

Size	1-99 sheets	100 sheets	500 sheets	1000 sheets	Special quotes in larger quantities. Any size, grain or thickness. You pay for no waste.
28"×44"	\$.40 each	\$30.85 hundred	\$27.95 hundred	\$26.00 hundred	



**PROCESS SUPPLY CO., INC.**

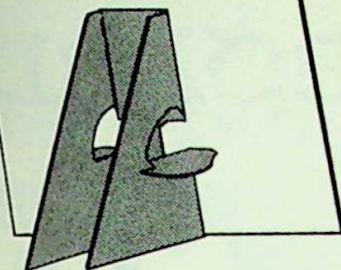
CHICAGO 12, ILLINOIS U.S.A.

LOWEST PRICES - HIGH QUALITY

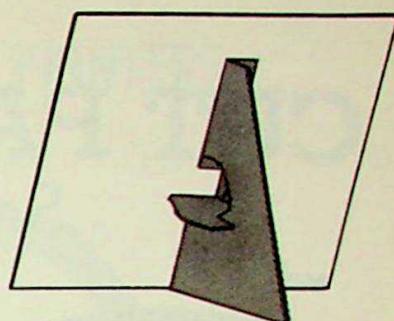
# EASELS

**Standard Construction in  
all Sizes with...**

**LOCKING TABS**



DOUBLE WING TYPE



SINGLE WING TYPE

CHECK THESE NEW LOW PRICES AND SAVE

For the past ten years Advance has furnished only the highest quality sturdy card board diecut easels to the screen process and display industry. All sizes are in stock for immediate shipment.

Fasten easels to cardboard displays using a good grade of fast setting adhesive. Small quantities may be brushed by hand for larger quantities screen processing of adhesive areas will produce a superior, more accurate and productive job.

The height of the easel should be at least 3/4 of the height of the card. On extra wide cards, it is sometimes desirable to attach 2 single wing easels. Normally a double wing easel is used on large cards for maximum stability. When cards are used for mounting product and items, a double wing easel is a must. Angle of inclination varies with size of easel for best normal stability and viewing.

ORDER YOUR EASELS FROM ADVANCE FOR FASTEST SERVICE, LOWEST PRICES AND SUPERIOR QUALITY.

## STANDARD SINGLE WING EASELS .048 THICK

SIZE	EACH	100	500	1M	5M PRICE PER M	10M PRICE PER M
4"	\$ .01½	\$ .75	\$ 2.00	\$ 3.50	\$ 3.15	\$ 2.85
6"	.02	.90	2.70	4.35	3.95	3.50
8"	.02	.95	3.10	5.30	4.90	4.40
10"	.02	1.10	4.20	7.25	6.90	6.40
12"	.03	1.40	5.15	8.90	8.25	7.75
15"	.04	1.80	7.90	14.50	13.70	13.00
18"	.05	2.50	10.25	19.50	18.50	17.90
24"	.07	4.95	20.50	39.00	36.00	33.00
30"	.09	6.75	30.75	59.00	55.00	49.00
36"	.12	8.90	39.90	77.00	72.00	67.00

## STANDARD DOUBLE WING EASELS .048 THICK

SIZE	EACH	100	500	1M	5M PRICE PER M	10M PRICE PER M
4"	\$ .02	\$ .95	\$ 3.50	\$ 5.95	\$ 5.45	\$ 4.95
6"	.03	1.15	4.50	7.95	7.45	6.95
8"	.03	1.55	5.90	10.50	9.75	8.95
10"	.04	1.75	6.95	12.80	12.05	11.25
12"	.04	2.00	8.95	16.60	15.75	14.90
15"	.05	3.95	17.35	31.90	29.70	28.10
18"	.07	4.95	22.50	42.25	40.60	38.95
24"	.12	8.95	38.95	74.02	70.55	67.10
30"	.17	13.95	59.50	113.00	110.75	108.50
36"	.22	15.90	67.50	128.00	123.50	119.00

Orders in multiples of 1000 quantity, total can be combined.

### BRUSHING EASEL ADHESIVE # A-32

A fast drying heavy adhesive for brushing only

1 quart - \$1.05 1 Gallon - \$3.45

### SCREENING EASEL ADHESIVE # A-64

A heavy smooth working (# USE 6XX) screening adhesive - non clogging

1 quart - \$1.45 1 Gallon - \$4.50

NOTE: 1 QUART OF ABOVE ADHESIVES WILL COVER 3000 AVERAGE SIZE (10") SINGLE WING EASELS

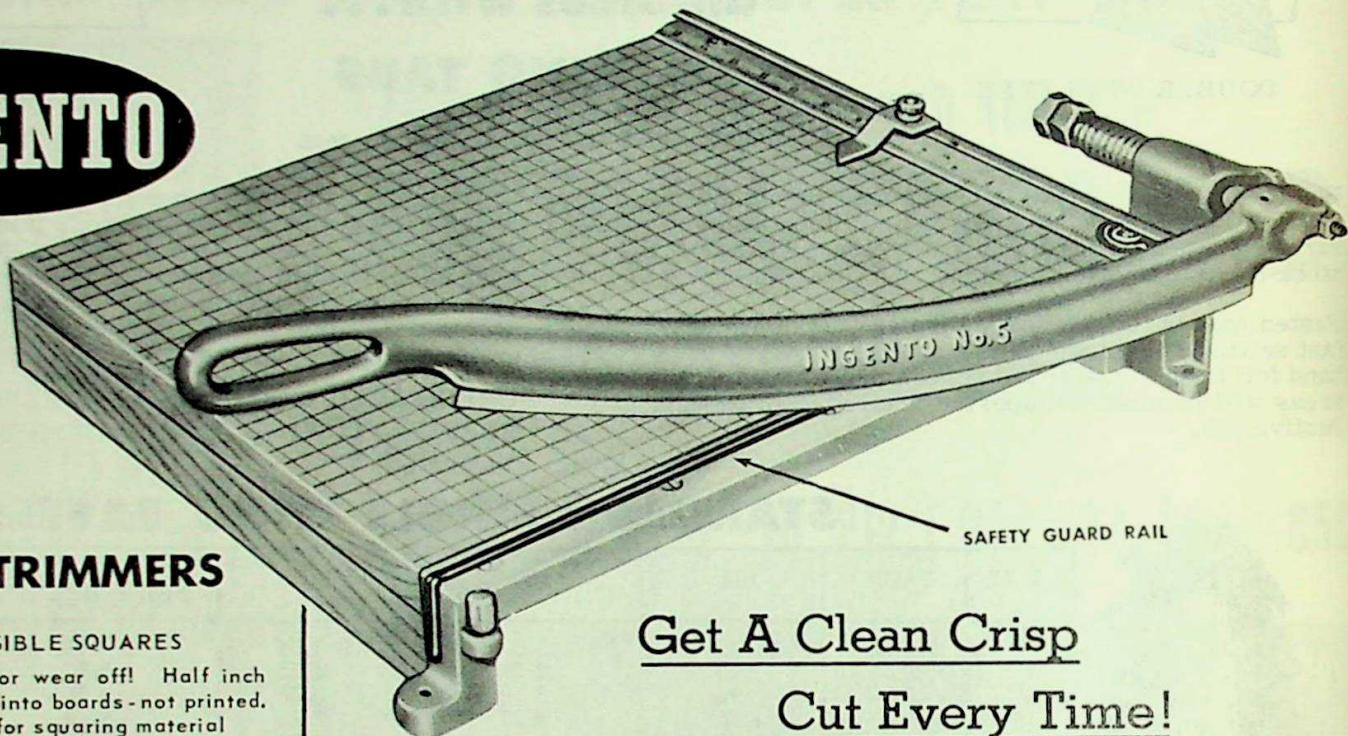
**ADVANCE PROCESS SUPPLY CO., INC.**

CHICAGO 12, ILLINOIS U.S.A.

# CUT PAPER OR CARDBOARD Safely . . . . . Accurately!

with

**INGENTO**



## QUALITY TRIMMERS

### \*PERMANENTLY VISIBLE SQUARES

Won't fade, smear, or wear off! Half inch squares are grooved into boards—not printed. Always easy to see for squaring material.

### \*NON WARP CONSTRUCTION

Supporting cleats are not attached with nails or screws. Exclusive dovetail construction permits expansion or contraction while preventing cracking or warping.

### \*SAFETY GUARD RAIL

No cut fingers thanks to INGENTO'S safety rail. Fingers are kept out of danger zone. Standard on 10", 12", 15", 18", 24", and 30" models.

### RECESSED RULERS -- NO SNAGGING OF SHEETS

Adjustable ruler with one-eighth inch markings is counter sunk at top of board. This EXCLUSIVE feature prevents thin sheets from slipping under ruler.

### \*HANDY PAPER GUIDE

Single-control paper guide saves time in cutting material to same size. One quick, easy adjustment.

### \*BLADE WILL NOT DROP OR FLY UP

The INGENTO is safe....blade can be left at any desired height and it will stay there. Tension spring holds cutting blades together, preventing dropping or unexpected snap-up of handle.

Get A Clean Crisp

Cut Every Time!

Ingentos are the aristocrats of cutting boards. They are precision-built to give years of dependable service. The complete Ingento line offers a choice of boards that give precision cutting of every material from light tissue paper, through heavy cardboard, corrugated board, cloth, leather, rubber or light sheet metal.

Cutting blades are tempered and hollow ground steel held together only at the point of cutting to give you a sure cut every time. There's never a ragged edge ---- only clean straight lines whenever Ingento cuts.

INGENTO UTILITY CUTTERS				INGENTO HEAVY DUTY CUTTERS			
Model	Size	Weight	Price	Model	Size	Weight	Price
1	6" x 6"	4 lbs.	\$6.50	5 G	15" x 15" with guard rail	21 lbs.	\$22.50
2	8" x 8"	5 lbs.	7.50	5½G	18" x 18" with guard rail	27 lbs.	29.50
3G	10" x 10" with guard rail	6 lbs.	9.25	6 G	24" x 24" with guard rail	40 lbs.	45.00
4G	12" x 12" with guard rail	8 lbs.	11.75	8 G	30" x 30" with guard rail	55 lbs.	62.60

No. 9G--36" with guard and stand..105 lbs..\$138.50

No. 9MA-36" for custom installation--as above less beds, legs, rule.....\$ 98.00

**ADVANCE PROCESS SUPPLY CO., INC.**  
CHICAGO 12, ILLINOIS U.S.A.

**Especially Recommended  
for DECAL PRINTERS**

**'The 18"  
premier  
REAM  
CUTTER**

**Model No.  
RC-1575**

**A Necessity for Industries,  
businesses with duplicating  
departments . . . Printers,  
Letter Shops, Stationers,  
Schools**

**Precision cutting!**

Cutting blade runs on precision bearings.  
Hard maple table on steel frame. Cutting  
gauge graduated in  $1/16"$  increments  
for complete, accurate cutting.

**Easy to use!**

Advanced mechanical leverage system  
cuts any printing stock 18" wide x 2" thick.  
Fast-setting back stop controlled  
automatically by rotary handle.

**Safer than scissors!**

Safety knob must be released before blade  
is lowered. Any employee, male or female,  
can operate the Premier Ream Cutter  
in complete safety.

- Priced far less than smaller  
competitive models!
- So safe, so easy, anyone can cut paper  
to your needs
- Cutting blade of finest air-hardened  
tool steel

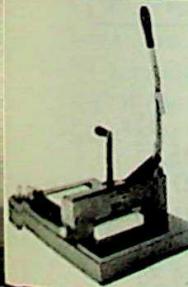


**IMPORTED 10" CUTTER**

Features 10" cutting width and cutting capacity (thickness) of  $1\frac{1}{2}$ ". Smallest cut (back of knife) is 1" and inside cutting length -knife to back gauge is 12". (Back gauge is easily removed and any length can be cut.) Overall width, 17"; depth, front to back, 20"; height (including handle, 30"). Net weight 40 lbs.

PRICE \$119.00

F. O. B. New York, N. Y.



**SPECIFICATIONS**

Cutting width.....	18"
Cutting capacity (thickness).....	2"
Overall size.....	26" x 26"
Net weight.....	102 pounds

**ADVANCE PROCESS SUPPLY CO., INC.**

CHICAGO 12, ILLINOIS U.S.A.

**.001 CLEAR MYLAR\***

Description: Mylar is the toughest, most dimensionally stable, transparent film. It is unaffected by water, moisture vapor, oils, greases, most acids, alkalis, and solvents. It is highly resistant to scuffing and abrasion. Permanent, clear adhesive highly resistant to ultra-violet rays. No splits. 2000 and over..... 48.00

	Price per 100 Sheets 26" x 20"
Each Sheet - 85¢	
100 - 200 .....	65.00
200 - 500 .....	58.00
500 - 1000.....	52.00
1000 - 2000.....	50.00
2000 and over.....	48.00

\* DuPont trademark for Polyester Film

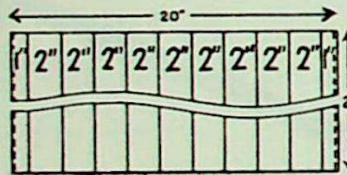
**2 MIL CLEAR ACETATE**

Description: Clear transparent cellulose ester film. Excellent clarity and gauge uniformity; brilliant surface finish. No ungummed margins under splits. Permanent Adhesive

**CLEAR ACETATE SHEETS**

1 - 99.....	50¢ each
100 - 199.....	\$37.00
200 - 799.....	33.00
800 - 1999.....	28.00
2000 and over.....	26.00

**PER 100 SHEETS**



20" x 26"  
LAYOUT "M"  
10 Splits  
Permanent,



**K-S FLOURESCENTS**

Description: Daylight fluorescent stock. Ideal for Labels, Bumper Strips, and Point of Purchase Advertising. Printable offset, letterpress, or silk screen.

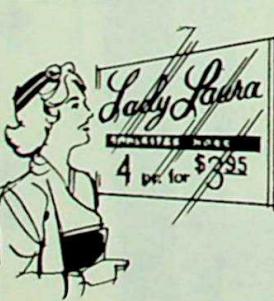
Uses: Bumper Strips, Shelf Strips, Product and Package Labels, Warning Labels, Gas Pump Stickers, Point-Of-Purchase Signs, etc.

Colors: Chartreuse, Orange-Yellow, Orange-Red.

**18 x 20**

1 - 99.....	40¢ EACH SHEET
100 - 199.....	\$25.50
200 - 499.....	24.85
500 - 1999.....	23.25
2000 - 3999.....	20.55
4000 - 7999.....	19.45
8000 and over.....	18.90

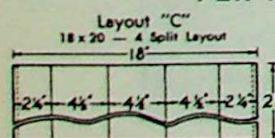
**PER 100 SHEETS**



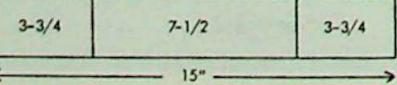
**15 x 24**

1 - 99....	40¢ EACH SHEET
100 - 199.....	\$25.40
200 - 499.....	23.95
500 - 1999.....	22.75
2000 - 3999.....	20.10
4000 - 7999.....	19.05
8000 and over...	18.50

**PER 100 SHEETS**



**2 Split - Layout L - 15" x 24"**



**"D" TRANSFER TAPE**

Description: Special paper tape coated with patented "transferring" adhesive. When applied to paper, adhesive "leaves" tape and anchors itself to paper stock.

Roll Length: All rolls are 3000 feet in length.

1/2" Width Roll - 3/8" Width	Adhesive - 20 Rolls per Carton
Less than 1 ctn. \$15.00 per roll	1 carton \$11.50 per roll
1" Width Roll - 7/8" Width	Adhesive - 10 Rolls per Carton
Less than 1 ctn. \$25.00 per roll	1 carton \$21.00 per roll
1/16" Finger Edge Margins On Above.	

**LAPEL-STIK CONVENTION BADGE STOCK**

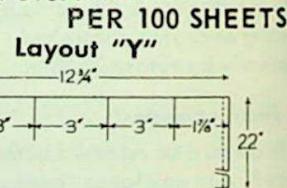
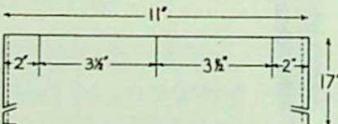
Description: Pure white base stock easy to print by any process. Available in coated or uncoated finish. Special adhesive holds stock firmly to any fabric. Removes easily; leaves no residue on clothing. Important: Lapel-Stik's adhesive is specifically designed for convention badge use. It is not recommended for fabric labels or any other long-term application.

11 x 17 Coated Only	
Each Sheet.....	.19¢
100 - 199.....	\$11.80
200 - 499.....	11.60
500 - 1999.....	11.20
2000 - 3999.....	10.40
4000 - 7999.....	9.80
8000 and over.....	9.45



12 1/4 x 22 Coated Only	
Each Sheet.....	.29¢
100 - 199.....	\$18.25
200 - 499.....	17.50
500 - 1999.....	17.10
2000 - 3999.....	15.95
4000 - 7999.....	15.25
8000 and over.....	14.80

**PER 100 SHEETS  
Layout "A"**



**VINYL-STIK SHEETS**

Description: Pure white and weatherproof. Excellent for permanent outdoor use. Impervious to most oils, greases, salt, and acids. Highly scuff and fade-proof. Printable letterpress, offset or screen process. NO SPLIT

**VINYL-STIK**

15 x 24	
EACH SHEET.....	.38¢
100 - 199.....	\$27.90
200 - 499.....	27.00
500 - 1999.....	26.00
2000 - 3999.....	23.50
4000 - 7999.....	21.00
8000 and over.....	20.25

24 x 30	
EACH SHEET.....	.65¢
100 - 199.....	\$48.75
200 - 499.....	47.50
500 - 1999.....	46.00
2000 - 3999.....	41.00
4000 - 7999.....	39.50

**PER 100 SHEETS**



## DESCRIPTION

Two mil Metallized Mylar\*. Brilliant, strong, flexible film. Permanent adhesive. Heavy weight backing paper.

METALLIZED MYLAR  
SILVER

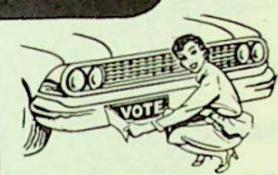
26 x 20	NO SPLITS
Each Sheet.....	95¢
100 - 199.....	\$82.00
200 - 799.....	80.00
800 - 1999.....	70.00
2000 and over.....	65.00

PER 100 SHEETS

GOLD	
25-3/4 x 20	NO SPLITS
Each Sheet.....	\$ 1.35
100 - 199.....	119.00
200 - 799.....	115.00
800 - 1999.....	100.00
2000 and over.....	92.50

PER 100 SHEETS

## 50# FIBRE-TUF BUMPER STRIP STOCK



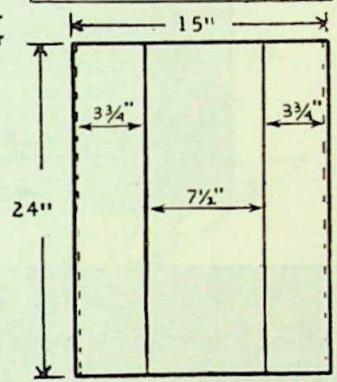
Fibre-Tuf is KLEEN-STIK's "economy-minded" Bumper Strip material - a strong stock with a new, heavier weight backing for ease in handling by the Silk Screen Printer.

A new standard sheet size of 15" x 24" to accommodate six, 15" x 4" Bumper Strip is designed for smaller bumper areas.

## 15 x 24 SHEET

1 - 99.....	18¢ each
100 - 499.....	\$13.50
500 - 1999.....	12.50
2,000 - 3,999.....	10.50
4,000 - 7,999.....	10.00
8,000 and over.....	9.50

Per 100 Sheets



Dotted lines indicate 1/8" unguammed margins, splits in protective backing.

## DUBL-STIK

Description: Tissue film coated on both sides with strong pressure sensitive adhesive. Protective backing covers one side only. When applied, adhesive film "leaves" backing paper and "transfers" to most porous and non-porous materials. Backing

remains in place until peeled before mounting. Adhesive will bond article to all smooth surfaces and most irregular surfaces.

Roll Length: All Rolls are 72 yards in length.

## 1/2 Width Roll - 1/4" Width Adhesive - 36 Rolls Per Carton

Less than 1 carton.....\$2.30 per roll

1 - 4 cartons.....1.91 roll - \$68.76 carton

## 3/4" Width Roll - 1/2" Width Adhesive - 24 Rolls Per Carton

Less than 1 carton.....\$3.08 per roll

1 - 4 cartons.....2.42 roll - \$58.08 carton

## 1" Width Roll - 3/4" Width Adhesive - 18 Rolls Per Carton

Less than 1 carton.....\$3.92 per roll

1 - 4 cartons.....3.12 roll - \$56.16 carton

## 1 1/2" Width Roll - 1 1/4" Width Adhesive - 12 Rolls Per Carton

Less than 1 carton.....\$6.05 per roll

1 - 4 cartons.....4.75 roll - \$57.36 carton

## 2" Width Roll - 1 3/4" Width Adhesive - 8 Rolls Per Carton

Less than 1 carton.....\$7.70 per roll

1 - 4 cartons.....6.49 roll - \$51.92 carton

1/8" finger edge for easy removal of backing.

MINIMUM ORDER \$1.00



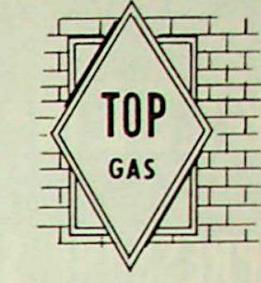
## WHITE VELLUM STOCK.

18" x 20"

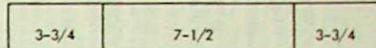
PRICE PER 100 SHEETS
1 - 99.....Each sheet 22¢
100 - 200.....\$16.45
200 - 500.....15.45
500 - 2000.....14.50
2000 - 4000.....12.15
4000 - 8000.....11.60
8000 - Over.....11.10

15" x 24"

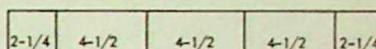
PRICE PER 100 SHEETS
1 - 99.....Each sheet 21¢
100 - 200.....\$15.70
200 - 500.....14.70
500 - 2000.....13.75
2000 - 4000.....11.50
4000 - 8000.....11.00
8000 - Over.....10.50



2 Split - Layout L - 15" x 24"



4 Split - Layout C - 18" x 20"



## 60# KROMEKOTE

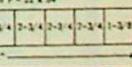
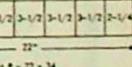
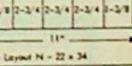
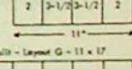
## 11 x 17 Removable

Each Sheet.....	.15¢
100 - 199.....	\$9.75
200 - 499.....	8.90
500 - 1999.....	8.00
2000 - 3999.....	7.25
4000 - 7999.....	6.50
Over 8000.....	6.00

PER 100 SHEETS



4 Split - Layout G - 11" x 17"



## 60# LITHO STOCK SHEETS

## 22 x 34 Removable

Each Sheet.....	.40¢
100 - 199.....	29.95
200 - 499.....	28.90
500 - 1999.....	28.00
2000 - 3999.....	23.80
4000 - 7999.....	23.00
8000 and over....	22.50

PER 100 SHEETS

## FLEX-STIK "B"

Plastic coated. Rubber saturated for outdoor use. Weatherproof.

## 18 x 20

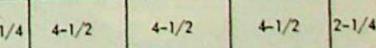
1 - 99.....	33¢ each
100 - 199.....	\$25.90
200 - 499.....	24.95
500 - 1,999....	24.00
2,000 - 3,999...	20.35
4,000 - 7,999...	19.70
8,000 and over..	19.20

## 15 x 24

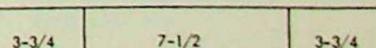
1 - 99.....	33¢ each
100 - 199.....	\$25.20
200 - 499.....	24.25
500 - 1,999....	23.25
2,000 - 3,999...	19.70
4,000 - 7,999...	19.05
8,000 and over..	18.60



4 Split - Layout C - 18" x 20"



2 Split - Layout L - 15" x 24"



**ADVANCE PROCESS SUPPLY CO., INC.**

CHICAGO 12, ILLINOIS U.S.A.

**KLEEN-STIK®**  
the moistureless, self-sticking adhesive

## PRESSURE SENSITIVE TRANSFER ADHESIVE

## 2-SIDED TAPE (Adhesive in Tape Form)

### #201 - ONE "FINGER LIFT EDGE"

Consists of a special tissue coated on 2-sides with an aggressive, high tack pressure sensitive adhesive. This adhesive strip is laid on a treated paper or carrier strip which is 1/8" wider than the adhesive. This creates a 1/8" ungummed margin or "Finger Lift Edge" for easy removal of the carrier strip after the adhesive has been applied to a clean dry surface. When the carrier strip is removed the other adhesive surface is exposed. Carrier strip is printed with instructions.

	PRICE PER 108' ROLL		
	#201	#202	#202
Carrier Strip	1/2"	3/4"	1"
Adhesive Strip	3/8"	1/2"	3/4"
Less Than 1 Carton	\$1.79	\$2.35	\$2.85
1-2 Cartons	1.61	2.11	2.57
3-5 Cartons	1.45	1.90	2.31
6-11 Cartons	1.30	1.71	2.08
12-47 Cartons	1.21	1.59	1.93
48 Cartons or More	1.16	1.52	1.85
Rolls Per Carton	12	12	12

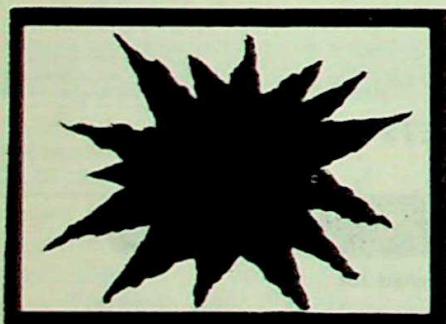
### #202 - TWO "FINGER LIFT EDGES"

Has same specifications as #201 except that the carrier strip is 1/4" wider than the adhesive strip which is centered on it. This creates TWO 1/8" "FINGER LIFT EDGES."

**SCOTCHCAL®**  
BRAND

FILM

100% DRY SIGNS, EMBLEMS, AND MARKINGS ...  
PRESSURE-SENSITIVE ADHESIVE LETS YOU PRESS  
ELEMENTS INTO PLACE .. NO LIQUIDS, NO DRYING!



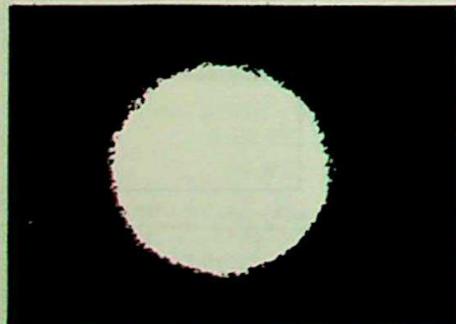
- Films are rugged plastic materials--won't crack, chip, peel, craze, or shock off.
- Highly weather-resistant ---- SCOTCHCAL is specified for jet aircraft markings!
- Saves time and money .... no painting, masking, or spraying is required! Just cut to required shape, peel off back, and press-on!
- Vivid beauty .... choose from a variety of colors and effects for real impact.

SCOTCHCAL FLUORESCENT FILMS. No. 3483. Yellow-Orange ..... \$37.80  
No. 3484. Red-Orange..... 37.80  
24" x 10 yd. rolls.

SCOTCHCAL CHROME AND GOLD FILMS. No. 630 Chrome colored..... \$24.70  
No. 633 Gold colored..... 30.85  
24" x 10 yd. rolls.

SCOTCHCAL WHITE FILM. A tough and durable material for "dry" backgrounds. Eliminates costly masking, spraying, drying steps on neon signs. Easily applied to metal or plywood in a "Scotchlite" Brand Applicator. Ideal background material for screen processing with "Scotchlite" Process Pastes.

No. 3650 White Film.  
24" x 10 yd. rolls.. \$26.25



SCOTCHCAL PROCESS  
PASTES FOR SCREEN  
PROCESS PRINTING  
AVAILABLE ...

WRITE FOR DATA ON  
COLORS AND PRICES



**ADVANCE PROCESS SUPPLY CO., INC.**

CHICAGO 12, ILLINOIS U.S.A.

Large 16oz.

## PLASTIC SPRAY

A perfectly clear transparent protective coating for fixing artwork, photos, etc.

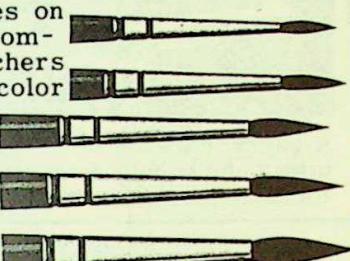
MS-87 1 can \$1.50 each  
6 cans 1.25 each  
12 cans 1.10 each



## TOUCH-UP BRUSHES

Finest quality selected red sable water color brush with spring, snap and sharp point. In seamless nickel ferrules on ebony finished handles. Highly recommended for those artists and retouchers who want the finest red sable watercolor and touchup brush.

No. 0	\$ .55	No. 4	\$ 1.20
No. 1	.65	No. 5	1.35
No. 2	.80	No. 6	1.80
No. 3	.95	No. 7	2.25



## TRIANGLES

(Govt. Approved)

Finest quality triangles. Heavy thickness. Clean square edges for accurate ruling. Finger Lifts.

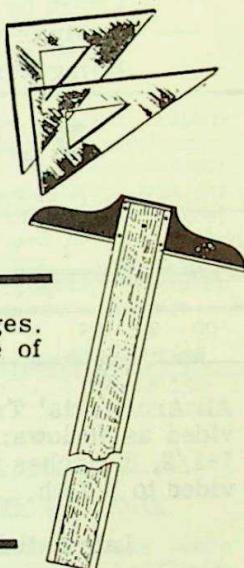
30 X 60 Degree	45 X 90 Degree
D-474 4" \$ .30	D-584 4" \$.40
D-476 6" .40	D-586 6" .60
D-478 8" .60	D-588 8" .90
D-480 10" .90	D-590 10" 1.30
D-482 12" 1.30	D-592 12" 2.00
D-484 14" 2.00	D-594 14" 3.00
D-486 16" 3.00	D-596 16" 4.00
D-488 18" 4.00	D-598 18" 4.90

## T-SQUARE

Professional style. With transparent edges. Maple blade, black walnut head. Made of fine selected woods, hand-rubbed finish.

WD 324	24"	\$3.75
WD 330	30"	4.25
WD 336	36"	4.90

Stainless Steel - All Metal T-Square  
24" Size \$10.20 - 36" Size \$13.50



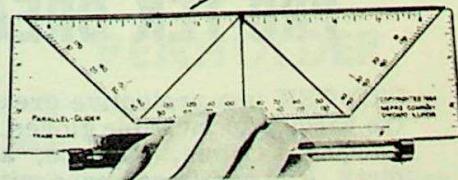
## STAINLESS RULER

A thin flexible hardened stainless rule of real accuracy. 24" Long - 1/32 stamped Calibrations on one side.



## PARALLEL-GLIDER

JUST ROLL PARALLEL-GLIDER  
ALONG --- GROOVED  
ROLLERS KEEP ALL LINES  
PERFECTLY PARALLEL.



This simple, pocket-size instrument combines the functions of T-square, triangles, transparent straight-edge, and protractor - makes drafting and drawing easy - eliminates continual picking up and laying down of instruments. 14" SIZE ONLY \$4.75



## Copy Preparation Materials

### STEEL STRAIGHT EDGES

Accurately designed for precision work, one edge beveled. Made of polished stainless steel.

LENGTH	WIDTH	EACH
24"	2"	\$10.50
30"	2"	12.00
36"	2"	14.40
42"	2"	16.50
48"	2"	19.80

### 16 COLOR WHEEL WATER COLORS



CRAFTINT-  
DERAYCO  
POSTER  
COLORS

Quart  
\$2.20  
Gallon  
\$7.75

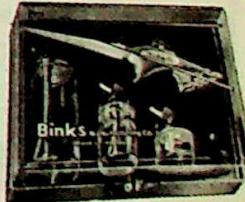
A complete range of true spectrum colors - 16 in all to meet every art requirement. Creamy, opaque and smooth-flowing paints in a brilliant array of rainbow colors that include: Yellow - Yellow-Green - Green - Blue-Green - Blue - Blue-Violet - Violet - Red-Violet - Red - Red-Orange - Orange - Yellow-Orange - Brown - Gray - Black - White.

16 ONE OUNCE JARS ..... \$3.40 per set.

### Binks exciting new WREN Air Brush

Binks Custom Air-Brush Outfit. Model 59-10005 includes the Wren "A" Air-Brush for fine line and small detail use with light to medium consistency fluids. Model 59-10006 includes the Wren "B" Air-Brush for faster, less detailed use with medium to heavy consistency fluids. Both models also include: 1/4 ounce, 3/4 ounce and 2 1/2 ounce complete color bottle assemblies; 6 foot length of air hose with couplings; and packed in a durable, attractive styrene carrying case and holder. Shipping weight, 1 lb., 4 ozs.

\$20.50



Binks Standard Air-Brush Outfit. Model 59-10003 includes the Wren "A" Air-Brush for fine line and small detail use with light to medium consistency fluids. Model 59-10004 includes the Wren "B" Air-Brush for faster, broader coverage in use with medium to heavy fluids. Both models also include 3/4 ounce color bottle and hose coupling packed in attractive, durable styrene carrying case and air-brush holder. Shipping weight, 9 3/4 ozs.

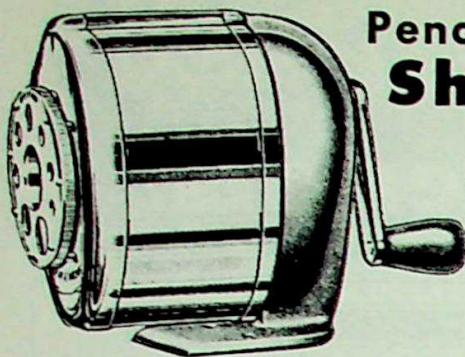
\$16.50



**ADVANCE PROCESS SUPPLY CO., INC.**

CHICAGO 12, ILLINOIS U.S.A.

## Pencil Sharpener



Adjustable to all regular size pencils. Nickel plated with metal chip receptacle. Revolving Steel centering grip.

AM-711... \$3.85

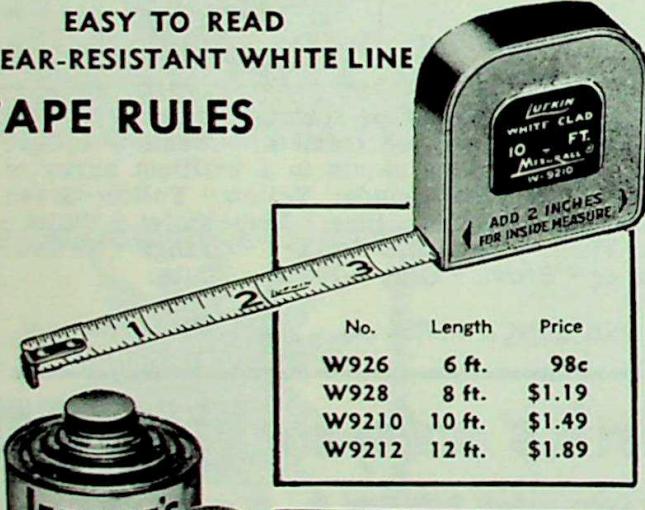


## Scissors

Fine quality shears. Nickel plated blades with black handles.

AM-110..... 10"..... \$1.95  
AM-112..... 12"..... 2.50

## EASY TO READ WEAR-RESISTANT WHITE LINE TAPE RULES

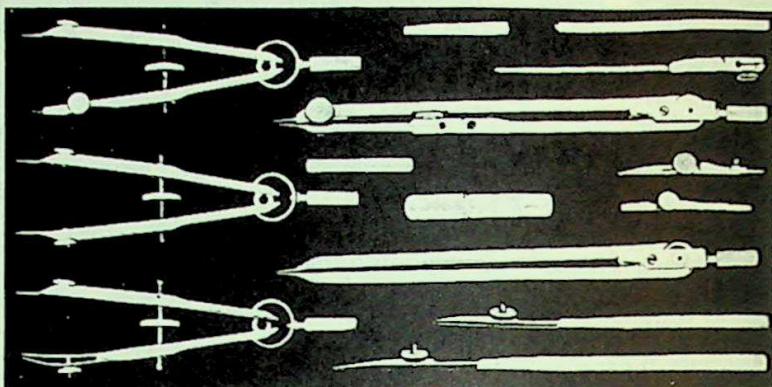


## LEPAGE'S GLUE

A fish type glue of maximum strength and holding power. Requires no heating and is packed in convenient size containers. Can be used for all papers, heavy cardboard, and woodwork.

#32 Pint Cans..... \$1.50  
#33 Quart Cans..... 2.85  
#35 Gallon Cans..... 8.50

## Drawing Set



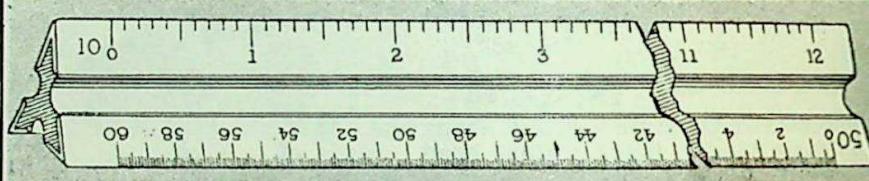
A 10 piece plated set of great utility and beauty. Contains all tools for accuracy in drawing. AM-190..... \$9.95

RULING PEN NO. 877



A very precise instrument. Holds Large supply of ink. Extreme handling comfort.  
Ruling Pen No. 877 PRICE - \$2.40

## RULERS No. AR-1



All Architects' Triangular Scales are 12" long and divided as follows: 3/32, 1/8, 3/16, 1/4, 3/8, 1/2, 1, 1-1/2, 3, inches to the foot. On one edge inches divided to 1/16th.

Laminated plastic, white face, engine divided.

Relieved facet shape.

ARCHITECT Scale - Solid Plastic (curved) - \$3.75 ea.  
individually boxed

## Dupont

## PRO-TEK CREAM



PRO-TEK is a protective cream that completely covers the hands like invisible gloves. It guards against Paint, Lacquer, Grime, Grease, and many other forms of dirt. It is easily removed with soap and water at the end of the day. Only a small quantity is needed for each application. Available in 8 oz. jars..... \$.69  
1 Gal. Can..... 5.00



# ADVANCE PROCESS SUPPLY CO., INC.

CHICAGO 12, ILLINOIS U.S.A.



### CRAFTINT NEW 66 JET BLACK INDIA DRAWING INK

The last word in India Inks—positively second to none on the market. Colloidally perfect, jet black and extra waterproof. Recommended and used by artists and draftsmen everywhere. Gives excellent results with brush or pen.

3/4-oz. (quill in stopper)	\$ .35	Half Pint	\$2.25
2-oz. bottle	.60	Pint	4.25
Quart			6.75

### CRAFTINT SIGNWRITERS' BLACK

A perfect flowing ebony black, waterproof lettering ink. Expressly designed for Show Card Writers, Commercial Artists, Professional Draftsmen, Architects, Photographers and Designers. Particularly recommended for poster work. Flows freely from any lettering pen, brush or airbrush. Covers opaque in one stroke and dries with a velvety luster.

2-oz. Bottle	\$ .35	Pint	\$2.25
Half Pint	1.25	Quart	4.00



### CRAFTINT NEGATIVE OPACES



Gives the negative complete opacity with one application, leaving a smooth surface which permits close contact with the print. It works fast and dries quickly. Used by engravers, offset printers, photographers, etc., in opaqing negatives. Available in red and black.

Volume	Red	Black	Volume	Red	Black
1-oz. jar	\$ .40	\$ .50	8 oz. jar	\$ 2.25	\$ 3.00
2-oz. jar	.75	.90	32-oz. jar	7.50	11.00
4-oz. jar	1.25	1.65			

### CRAFTINT "37" SUPER-WHITE OPAQUE



The perfected artists white you've been looking for! Covers perfectly over India ink and grease pencil layouts. Will not chip, crack or peel. Designed for use on drawing papers, photographs, films and all kinds of plastic or metal surfaces. Thins with water.

1-oz. jar	\$ .40	4-oz. jar	\$1.25
2-oz. jar	.70	8-oz. jar	2.25

### SPEEDBALL LETTERING BOOK \$ .75

### PENHOLDER

No. 400 -- Double end, semi-hexagon. For all general writing, roundwriters and speedball pens.

Supplied without pens. .... \$ .15 ea... \$1.60 doz.

### LETTERING & DRAWING PENS

Card of twenty-four pens, assorted styles and sizes \$3.60 complete



### RUBBER CEMENT DISPENSER

Pint size bottle with rustproof metal adjustable cap and brush.

Price.. \$1.85 ea.



### CRAFTINT "KLEEN-STIK" GENUINE RUBBER CEMENT

The finest genuine rubber cement on the market. Made of pure pale crepe rubber. Recommended for any kind of mounting, pasting or sticking. Crystal clear and transparent. Will not stain or smear ink; will not wrinkle the flimsiest of tissues. Sticks tight and lays absolutely flat. And it's CLEAN. Can be rubbed off with fingers; will not soil paper or hands.

4-oz. Desk Bottle (Brush in Cap) .....	.40 Each
Pints .....	.90 Each
Quarts .....	1.50 Each
Gallons .....	3.95 Each

### RUBBER CEMENT THINNER

Quarts .....	.85 each
Gallons .....	2.25 each

### "KLEEN-STIK" RUBBER CEMENT ERASER (PICK-UP)

1 1/2" square block of pure crepe rubber for use in cleaning up excess rubber cement. Handy, easy to use and effective in making all art work clean and neat.

Each .....	\$ .35
------------	--------

### CRAFTINT GUM ERASERS



For artists, draftsmen, designers, home and office use. Erases and cleans on paper, cardboard or fabric without smudging pencil marks or damaging the paper surface.

No. 10	2 1/4" x 1 1/8" x 1 1/8"	.....	.11 each	1.20 doz.
No. 25	3" x 2" x 1"	.....	.30 each	3.00 doz.
No. 75	3" x 3" x 2"	.....	.80 each	9.00 doz.

### TRACING AND LAYOUT PADS

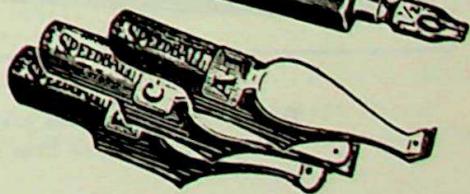
Tracing Paper — An exceptionally translucent paper with good tooth for pencil, ink or crayon. Can be used for tracing photographs.

### PERMANENT VELLUM No. 167D - IVORY ROLLS

20 yds. x 42"	- \$7.60	20 Yds. x 36"	... \$2.25
50 yds. x 42"	- 18.05	20 Yds. x 42"	... 2.80
18" x 24" pad.	- 6.00	50 Yds. x 36"	... 5.35

(50 sheets)

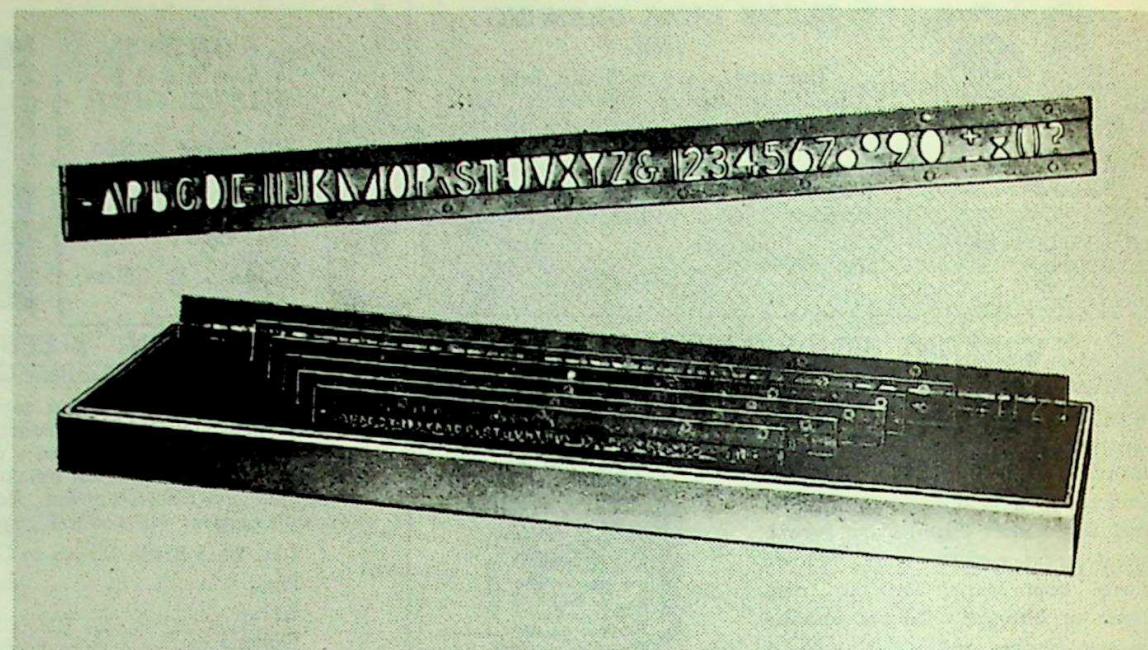
No. 169D PAD  
18" x 24" ... 1.75  
(50 sheets)



**ADVANCE PROCESS SUPPLY CO., INC.**

CHICAGO 12, ILLINOIS U.S.A.

# LETTERING GUIDES



## NO. L-900 SET OF SIX GUIDES \$9.00

Made of transparent plastic that's pliable yet has unusual rigidity—an essential for good lettering.

So simple to use that even an amateur can operate them on sight.

Can be used with either sharp pencil or ink.

Packed in a box that has unusual presentation appeal—useful too for customer to store guides when not in use.

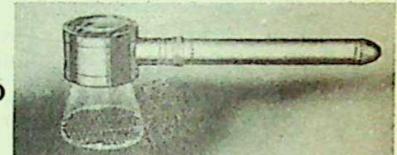
Has complete alphabet, all numbers and commonly used signs on each guide.

Each guide has an undercut so as to prevent ink smears when guide is moved from one character to another.

Most letters are formed with one operation—a few with two.

Six guides in each set — $1/8"$ - $3/16"$ - $1/4"$ - $5/16"$ - $3/8"$ - $1/2"$  sizes.

## ILLUMINATED MAGNIFIER



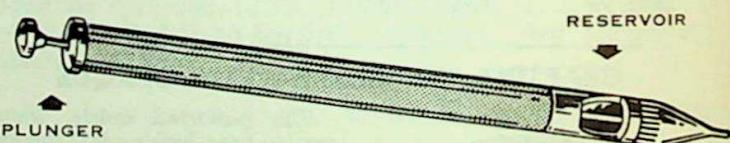
Contains two highly polished lenses that give a magnification of 6 diameters.  $1\frac{1}{4}$ " focus.

No. M-119 - Price.....\$6.90 Less Batteries With self-illuminating features.

## ECONOMY FLASH MAGNIFIER

7 x 30 MM. Easily handled. Individually boxed.

No. M-118 - Price.....\$3.95 Less Batteries



## LETTERING PEN

Pen designed for use with  $\frac{1}{8}$ " to  $\frac{1}{2}$ " C-Thru Lettering Guides.

Price ..... \$1.70 each

## ALPHABET GUIDES

Size of Guide	Price
$3/4"$ Alphabet	\$2.50 each
$3/4"$ Numeral	2.00 each
1" Alphabet	3.00 each
1" Numeral	2.50 each

The  $\frac{3}{4}$ " and 1" guides are made of transparent plastic. Each guide has an undercut so as to prevent ink from smudging when guide is moved from character to character.



**ADVANCE PROCESS SUPPLY CO., INC.**

CHICAGO 12, ILLINOIS U.S.A.

FOR SHARP LETTERS AND SYMBOLS ON TRANSPARENT SELF ADHERING SHEETS  
TRY INEXPENSIVE ARTYPE

# artype

CLEAR PRESSURE SENSITIVE BACKING



1. Draw a guide line (needed only for alphabets).
2. Loosen Arttype from backing sheet.
3. Cut around desired character using a penknife or sharp pointed instrument.
4. Lift from backing sheet.
5. Place into position.
6. Burnish into place.
7. Remove guide lines.

## Prepare catalogs, manuals, parts lists

...with artype transparent, self-adhering, smearless acetate sheets of reference arrows, numbers, letters and symbols. Clean, sharp and consistent in quality, artype enables you to key diagrams, photographs and illustrations in minutes instead of hours. Available in many sizes and sequences, you will complete your artwork faster and better with artype. You'll save money too, because artype is so inexpensive.

*Simple to use and no paste or tapes!*

**\$1.00 per sheet!**

SIZE 10" x 14"



ASK FOR FREE ARTYPE CATALOG

**Easy      Fast      Economical**

ARTYPE offers a large collection of alphabets, numbers, arrows, symbols, borders, etc., in various sizes and styles which are to be applied directly to the layout or finished art. The characters are printed on the underside of transparent, self-adhering acetate sheets and are very simply transferred to any smooth surface. Sharp, clean-cut reproduction in any process is assured. The necessity for setting type or hand-lettering is eliminated, as each character is easily removed from the sheet with a needle-point or handy stylus and applied with light pressure only. A guide line appears below each character, and, since the adhesive is not tacky, experimental positioning is possible.

Each sheet of ARTYPE is 10 x 14 inches and is filled with complete alphabets, numerals and punctuation marks in the same style, or with an assortment of symbols pertaining to specific fields. Letters are repeated on each sheet in the frequency in which they occur in the English language. A backing sheet, which also carries instructions, protects each acetate sheet before application of the letters which themselves are sharp, clear-cut and smearless.

Where reproduction is not necessary, ARTYPE gives an attractive, finished appearance, suitable for display. It adheres to any smooth surface—paper, metal, wood, glass.

ART-TONE	
ART-TONE SHEETS 9x12 area . . . . .	75¢ each (write for folder)
BURNISHING STICK and NEEDLE . . . . .	20¢
Order Your 64 Page Catalog of Arttype Faces And Sample Sheet . . . . .	NO CHARGE

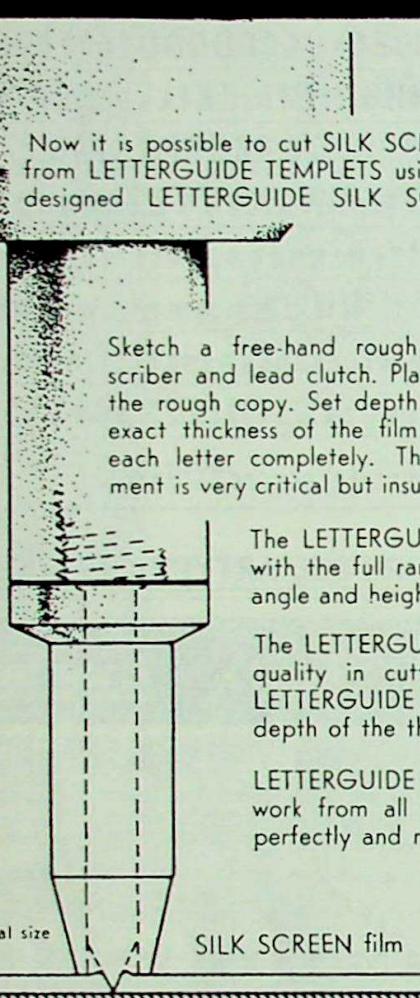
**ADVANCE PROCESS SUPPLY CO., INC.**

CHICAGO 12, ILLINOIS U.S.A.

# LETTERGUIDE

THE FINEST IN PRECISION LETTERING EQUIPMENT

Now it is possible to cut SILK SCREEN film direct from LETTERGUIDE TEMPLETS using the specially designed LETTERGUIDE SILK SCREEN KNIFE.



Sketch a free-hand rough or make layout with scribe and lead clutch. Place silk screen film over the rough copy. Set depth of cut of the knife to exact thickness of the film being used and trace each letter completely. The depth of cut adjustment is very critical but insures clean letter peeling.

The LETTERGUIDE SILK SCREEN KNIFE operates with the full range of the LETTERGUIDE SCRIBER angle and height variations.

The LETTERGUIDE SILK SCREEN KNIFE maintains quality in cutting film in even the smallest of LETTERGUIDE letters. It is adjustable to cut exact depth of the thickness of film being used.

LETTERGUIDE equipment renders sharp, consistent work from all outline templets. The knife corners perfectly and requires no overlapping cuts.

**DOZENS OF  
TODAY'S BEST FACES ...**

**• BODONI**

**Old  
English**

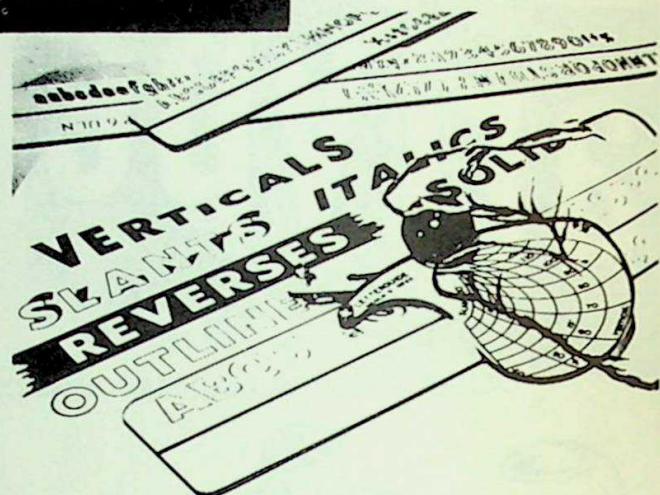
**light brush**

**FUTURA LIGHT • futura**

**FUTURA • FUTURA**

**BODONI Casual  
Brush Script CHISEL  
brush BALLOON**

WRITE FOR FREE CATALOG



## LETTERGUIDE SCRIBER:

**\$ 9.50**

Calibrations on the face of the LETTERGUIDE scriber make possible infinite variations of accurately defined angle and height combinations. A single adjustment produces any angle desired from 0° to 60° forward, combined with any height desired from 40% to 140% of templet letter size.

To adjust scribe for a specific angle and height—loosen knob, move adjustable arm so point indicates calibration for angle and height desired, and tighten knob.

### SILK SCREEN STARTER SET:

Comprising:

Letterguide Adjustable Scribe	\$ 9.50
Letterguide Templet No. DC 16 UN	16.00
DC 10 UN	11.00
DC 6 ULN	14.00
DM 8 UN	10.00
DN 8 UN	10.50
DN 8 L	8.50
DG 8 UN	10.00
DP 8 UN	10.00
DP 8 L	8.00
Letterguide Silk Screen Knife	4.75
Letterguide Ball Point Pen — Blue	1.25
India Ink Lettering Pen No. 0	1.25
India Ink Lettering Pen No. 2	.85
Lead Clutch with Leads	1.25
Letterguide Equipment Case	14.00
TOTAL VALUE	\$ 131.00
PRICE	\$ 120.00

**WRITE FOR  
COMPLETE  
CHART**

Letterguide Silk Screen Knife  
Letterguide Ball Point Pen — Blue  
India Ink Lettering Pen No. 0  
India Ink Lettering Pen No. 2  
Lead Clutch with Leads  
Letterguide Equipment Case

TOTAL VALUE \$ 131.00

PRICE \$ 120.00



**ADVANCE PROCESS SUPPLY CO., INC.**

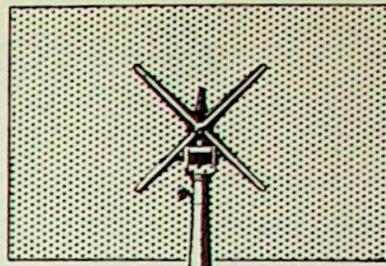
CHICAGO 12, ILLINOIS U.S.A.

## DRAWING TABLE MODEL NO. MS-234

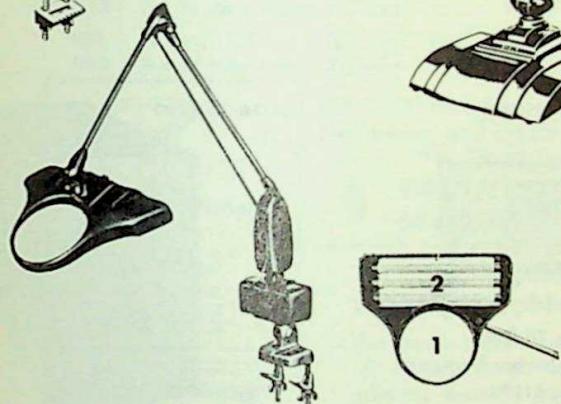
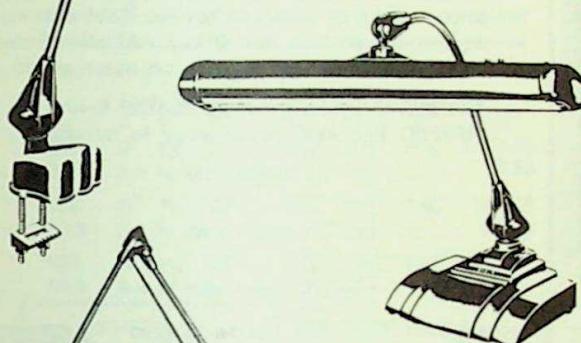
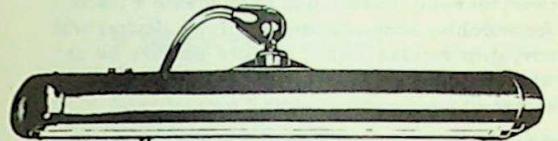
Especially adapted for studio and drafting room. A heavy iron base that will stand the roughest handling and remain sturdy. Can be raised or lowered to accommodate a standing or sitting position. Board can be tilted 180° and revolves 360°.

No. 4 Revolving top - base only MODEL NO. MS-234 ..... \$39.00

Drawing Boards for Kensington Table above  
23" x 31" ..... \$6.25    24" x 36" ..... \$7.60    31" x 42" ..... \$11.50



## ADJUSTABLE LAMPS \*\*\*



### Universal Model

Two tube fluorescent. AC model uses T8 15-watt tubes. With this combination base the lamp may be clamped or screwed to any surface - horizontal, sloping or vertical. Clamp fitting is removable; screws furnished with each unit. (tubes not included)

4329 ..... 110 Volt 60 Cycle \$18.95

Bulb # T-8 - 15 Watt AC.... \$1.15

### Desk Model

Two-tube fluorescent. AC model uses T8 15-watt tubes. The weighted base does not require fastening down. It may be placed anywhere on a flat-top desk, table or horizontal surface; can be moved as desired. (tubes not included)

5000 ..... 110 Volt 60 Cycle \$26.50

Bulb # T-8 - 15 Watt AC.... \$1.15

### Floating Magnifiers

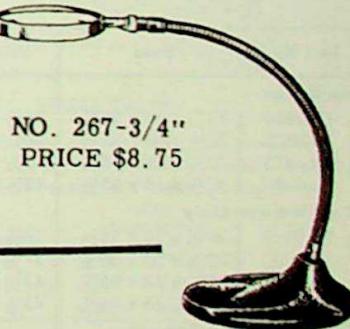
Three-tube fluorescent. This fixture uses T5 6-watt tubes. The Dazor Floating Magnifier combines two seeing aids: (1) magnification which clearly reveals tiniest work details, and (2) supplementary fluorescent lighting concentrated at the point of work. (tubes not included)

M-209G Universal Model ..... 110 Volt 60 Cycle \$34.36

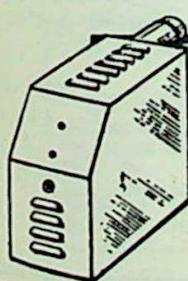
Bulb # T-5 - 6 Watt AC..... \$1.15 each

## Flexible Magnifying Glass

Large powerful glass to make difficult cutting easy; particularly true of borders and fine letters, where the slightest variation, or mis-cut shows up on the finished work. Four inch lens of 10" focus magnification. It has a flexible metal arm, quick adjustment to any position.



NO. 267-3/4"  
PRICE \$8.75



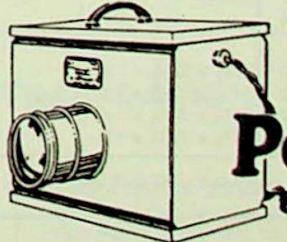
MODEL NO. MS-267

## MAGNE SCOPE PROJECTOR

The Magna Scope comes with the lens and holder. This lens consists of optically ground and polished lens elements located at one end. Uses an ordinary 60 watt electric bulb, preferably clear. Just plug into 110 volt electric outlet and scope is ready to use.

For 2"x3" copy size and smaller.

Price Complete (less bulb) ----- \$5.95



MODEL E

## POSTOSCOPE

POSTER PROJECTOR

Makes exact enlargements in true color and in exact proportions. Takes copy up to 6"x6". Projects photographs, printed pages, or any other flat copy up to 7 feet square, from a 6"x6" original.

Uses maximum size 200 watt ordinary bulbs.

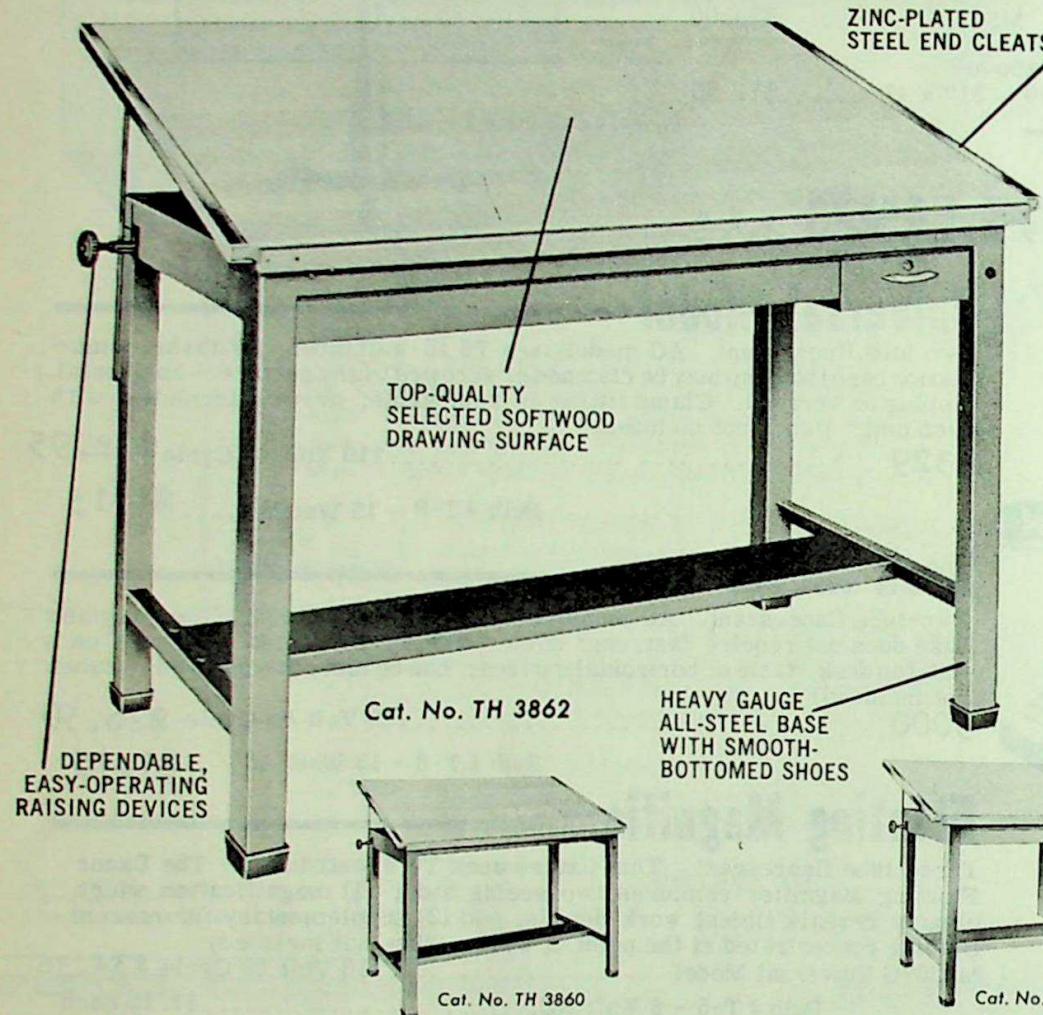
Price Model "E" (bulbs not included) ---\$35.00

**ADVANCE PROCESS SUPPLY CO., INC.**

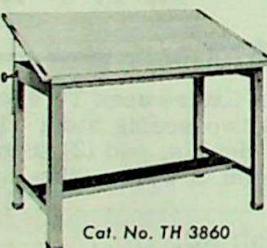
CHICAGO 12, ILLINOIS U.S.A.

# 4-POST DRAFTING TABLES

## THRIFTMASTER



Cat. No. TH 3862



Cat. No. TH 3860

HEAVY GAUGE  
ALL-STEEL BASE  
WITH SMOOTH-  
BOTTOMED SHOES

**BUDGET PRICED, PRECISION BUILT**—with heavy gauge all steel base, strongly reinforced.

• The Stacor THRIFTMASTER is precision-built... heavy gauge all steel base with smooth-bottomed shoes; strongly reinforced throughout. Electrically welded for rigidity • Top-quality selected softwood drawing surface with zinc-plated steel cleats for extra strength and permanence • Stacor's dependable, easy-operating raising devices with easy-grip molded knobs, assure positive tilt at any desired working angle • Improved interlocking hinges of heavy-gauge steel.

**DRAWERS:** THRIFTMASTER TABLES are available with both tool and shallow drawers, with tool drawer only, or without drawers. Tool drawers are equipped with lock and 2 keys. All-steel drawers operate smoothly and easily on nylon glides.

**FINISH:** Grey hard-baked enamel finish.  
SHIPPED knocked down; easy to assemble.

Cat. No. A 1120



Cat. No. TH 3862  
shown with auxiliary unit  
Cat. No. A1120



LIFETIME STEEL AUXILIARY  
UNIT FOR THRIFTMASTER

**Cat. No. A 1120** roomy, all-steel cabinet that can be set under the tool drawer of the Stacor Thriftmaster Drafting Table to make a complete unit for all equipment needed—extra tools, ink bottles, paints, papers, etc.

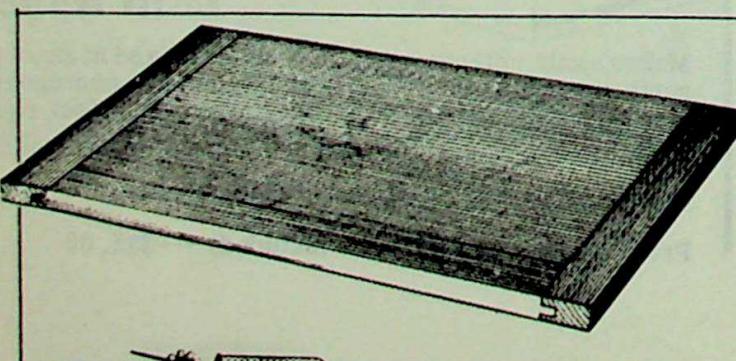
Overall Size ..... 10 $\frac{1}{4}$  x 20 $\frac{1}{2}$  x 32 $\frac{1}{2}$   
Supply Drawer ..... 9 x 19 $\frac{1}{2}$  x 12 $\frac{1}{2}$   
File Drawer ..... 9 x 19 $\frac{1}{2}$  x 12 $\frac{1}{2}$

\*Inside drawer

A-1120 50 lbs.

Cat. No.	Base	Board	Shallow Drawer	Tool Drawer	Weight	Price
<b>No Drawers</b>						
TH 3860	30 $\frac{1}{2}$ x 56 x 35 $\frac{1}{2}$	37 $\frac{1}{2}$ x 60	—	—	160 lbs.	\$ 88.00
TH 3872	30 $\frac{1}{2}$ x 68 x 35 $\frac{1}{2}$	37 $\frac{1}{2}$ x 72	—	—	180 lbs.	96.50
TH 4472	30 $\frac{1}{2}$ x 68 x 35 $\frac{1}{2}$	43 $\frac{1}{2}$ x 72	—	—	195 lbs.	107.50
TH 4484	30 $\frac{1}{2}$ x 68 x 35 $\frac{1}{2}$	43 $\frac{1}{2}$ x 84	—	—	215 lbs.	130.50
<b>Tool Drawer Only</b>						
TH 3861	30 $\frac{1}{2}$ x 56 x 35 $\frac{1}{2}$	37 $\frac{1}{2}$ x 60	—	—	165 lbs.	95.00
TH 3873	30 $\frac{1}{2}$ x 68 x 35 $\frac{1}{2}$	37 $\frac{1}{2}$ x 72	—	—	185 lbs.	103.50
TH 4473	30 $\frac{1}{2}$ x 68 x 35 $\frac{1}{2}$	43 $\frac{1}{2}$ x 72	—	—	200 lbs.	114.50
TH 4485	30 $\frac{1}{2}$ x 68 x 35 $\frac{1}{2}$	43 $\frac{1}{2}$ x 84	—	—	220 lbs.	137.50
<b>Tool &amp; Shallow Drawer</b>						
TH 3862	30 $\frac{1}{2}$ x 56 x 35 $\frac{1}{2}$	37 $\frac{1}{2}$ x 60	39 $\frac{1}{2}$ x 27 $\frac{1}{2}$ x 1 $\frac{1}{2}$	—	175 lbs.	106.50
TH 3874	30 $\frac{1}{2}$ x 68 x 35 $\frac{1}{2}$	37 $\frac{1}{2}$ x 72	51 $\frac{1}{2}$ x 27 $\frac{1}{2}$ x 1 $\frac{1}{2}$	10 $\frac{1}{2}$ x 27 $\frac{1}{2}$ x 4	195 lbs.	115.00
TH 4474	30 $\frac{1}{2}$ x 68 x 35 $\frac{1}{2}$	43 $\frac{1}{2}$ x 72	51 $\frac{1}{2}$ x 27 $\frac{1}{2}$ x 1 $\frac{1}{2}$	10 $\frac{1}{2}$ x 27 $\frac{1}{2}$ x 4	210 lbs.	126.00
TH 4486	30 $\frac{1}{2}$ x 68 x 35 $\frac{1}{2}$	43 $\frac{1}{2}$ x 84	51 $\frac{1}{2}$ x 27 $\frac{1}{2}$ x 1 $\frac{1}{2}$	10 $\frac{1}{2}$ x 27 $\frac{1}{2}$ x 4	230 lbs.	148.50

Overall height of table 37". Tool drawer equipped with lock and 2 keys



### DRAWING BOARDS

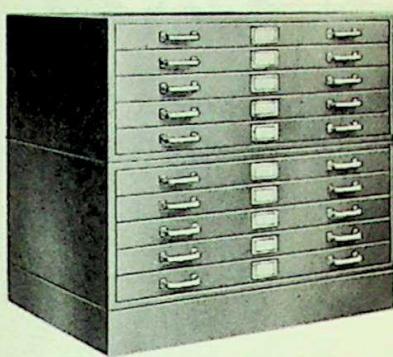
Kiln dried smooth pine wood 3/4" thick with cleats at the ends. Tongue and groove construction.

12 x 17	.....	Each \$1.90
16 x 21	.....	Each 2.80
18 x 24	.....	Each 3.20
20 x 26	.....	Each 4.20
23 x 31	.....	Each 5.80

**ADVANCE PROCESS SUPPLY CO., INC.**

CHICAGO 12, ILLINOIS U.S.A.

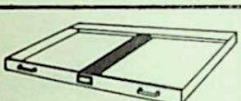
### 33 DRAWER STEEL CABINET



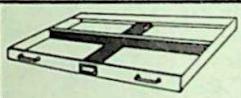
#### 5 DRAWER Cabinet

For Blueprints, Art, Engravings, Maps, Paper, Samples and Swatches. Heavy gauge steel used in government offices and defense plants. Smooth gliding drawers on ball-bearing rollers, equipped with rear hood and lift compressor in front for protection of contents. Additional units can be added and interlocked.

	Inside Drawer	Outside Cabinet	
No.	W. H. D.	W. H. D.	Price
4030	37" 2 1/4" 25"	40 1/8" 15 1/4" 28 1/8"	\$113.75
30-B	Base for above cabinet, 7 1/2" high		17.50
4332	43" 2 1/4" 32"	46 1/8" 15 1/4" 35 1/8"	144.75
433-B	Base for above cabinet, 7 1/2" high		22.50
5038	50" 2 1/4" 38"	53 1/8" 15 1/4" 41 1/8"	179.50
538-B	Base for above cabinet, 7 1/2" high		27.00



Div.	For Use	For Use	Price
ider	In Cob.	In Drawer	Per
No.	No.	Size	Set
77-1	4030	37"x25"	\$1.25
88-1	4332	43"x32"	1.45
99-1	5038	50"x38"	1.85



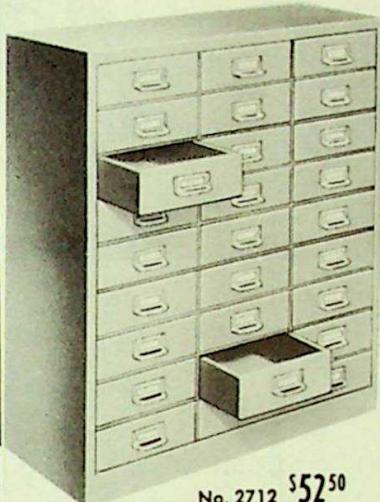
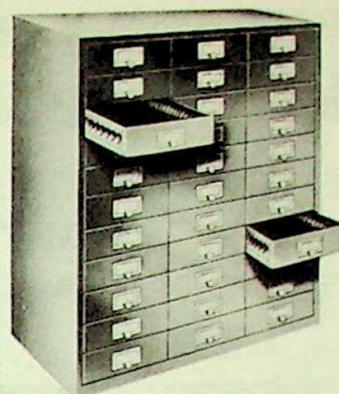
Div.	For Use	For Use	Price
ider	In Cob.	In Drawer	Per
No.	No.	Size	Set
77-4	4030	37"x25"	\$3.50
88-4	4332	43"x32"	4.00
99-4	5038	50"x38"	5.30



Div.	For Use	For Use	Price
ider	In Cob.	In Drawer	Per
No.	No.	Size	Set
77-6	4030	37"x25"	\$5.00
88-6	4332	43"x32"	5.20
99-6	5038	50"x38"	6.35



Div.	For Use	For Use	Price
ider	In Cob.	In Drawer	Per
No.	No.	Size	Set
77-8	4030	37"x25"	\$5.45
88-8	4332	43"x32"	6.35
99-8	5038	50"x38"	8.10



360 Compartment Capacity. Will pay for itself in safe-guarding hardware, tools, catalogs, printed matter, etc. Inside drawer size: 8 1/2" wide, 2 1/4" high, 12" deep. Cabinet size: 30 1/2" wide, 37 1/2" high, 13 1/2" deep. Heavy steel, green or gray ..... No. 3312 \$49.50

Above cabinet, each drawer equipped with 2 adjustable dividers making 99 compartments. No. 3312D \$59.00

#### DIVIDER PARTITIONS . . .

with label holders on them, adjustable on 1" centers. One set (two dividers to a set) divides a drawer into three compartments. No. 133 (two to a set) 65¢ per set

LOCK that locks all 33 drawers. No. 27K \$12.00

BASES FOR ABOVE 14 3/4" high ..... No. 128 \$16.50

### STEEL STORAGE CABINETS

Will pay for themselves many times over in protecting important matter. Ideal for small parts, cancelled checks, catalogs, hardware, office forms, artwork, cuts, photographs, tools, etc. Heavy gauge steel, electrically welded. Green or gray.

Am't of No. Drws.	Inside Drawer Size	Outside Cabinet W. H. D.	Price
2712 27	Letter Size	9" 3 1/2" 12"	30 1/2" 37 1/2" 13 1/2" \$52.50
2716 27	Legal Size	9" 3 1/2" 16"	30 1/2" 37 1/2" 17" 62.50
2414 14	Cancelled Check	10 1/4" 4 1/2" 24"	23 1/2" 37 1/2" 25" 99.00
2773 27	Tabulating Card	7 1/8" 3 1/8" 24"	26 1/8" 37 1/2" 25" 129.50

LOCK which will lock all drawers of above cabinets \$12.00 add'l. Grained Walnut, Mahogany or Knotty Pine Finish ..... \$20.00 add'l.

#### DIVIDER PARTITIONS

Partitions as illustrated available. A set divides drawer in 3 parts.

PRICES →

For use with	#55	#66	\$1.15
No. 2712 cabinet	#55	#66	1.15
No. 2716 cabinet	#655		

No. 2414 cabinet ..... #455 \$466 1.95

#### DRAWER DIVIDERS

#### COUNTER Cabinet

An eleven drawer unit built of heavy steel. Smooth gliding drawers equipped with rear hood for protection of contents. Used by architects, advertising agencies, schools and manufacturing plants. Cabinet size 29 1/2" wide, 40" high, 26 1/2" deep. Inside drawer size 27 1/8" wide, 25 1/4" deep, 2 1/8" high.



No. 2526 \$102.50

No. 633T

Designed for . . .

HARDWARE . . . ELECTROS . . .

PRINTED MATTER . . .

PHOTOGRAPHS . . . SMALL PARTS . . .

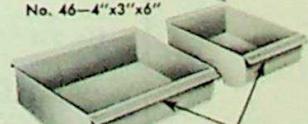
Pays for itself by keeping supplies safe, neat and orderly. Inside drawer: 9" wide, 3 1/2" high, 16" deep. Used in factories for small parts. Counter: 40" high, 19 1/4" deep. Olive Green or Cole Gray.

Total Number of Drawers	Width	COUNTER TOP No.	WITHOUT COUNTER TOP No.
81 Drawers	7 ft., 10"	633T \$298.00	633 \$187.50
108 Drawers	10 ft., 5"	634T 425.00	634 250.00
135 Drawers	13 ft.	635T 498.00	635 312.50

#### "STORE-RACK"

No. 8363  
\$51.95  
complete

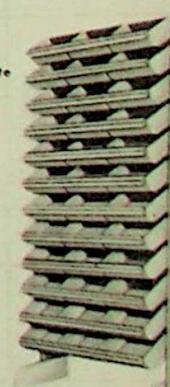
Racks or bins may be ordered separately. Set up your own combinations, by using No. 46 and 86 bins on any of the racks. Illustrated at right is a No. 2612 rack; 26 1/4" wide, 58" high, 12" deep. Contains thirty-six No. 86 bins (label holders attached). Cole Gray baked enamel finish.



No. 86—8" x 3" x 6"

#### PRICES FOR BINS OR RACKS WHEN ORDERED SEPARATELY

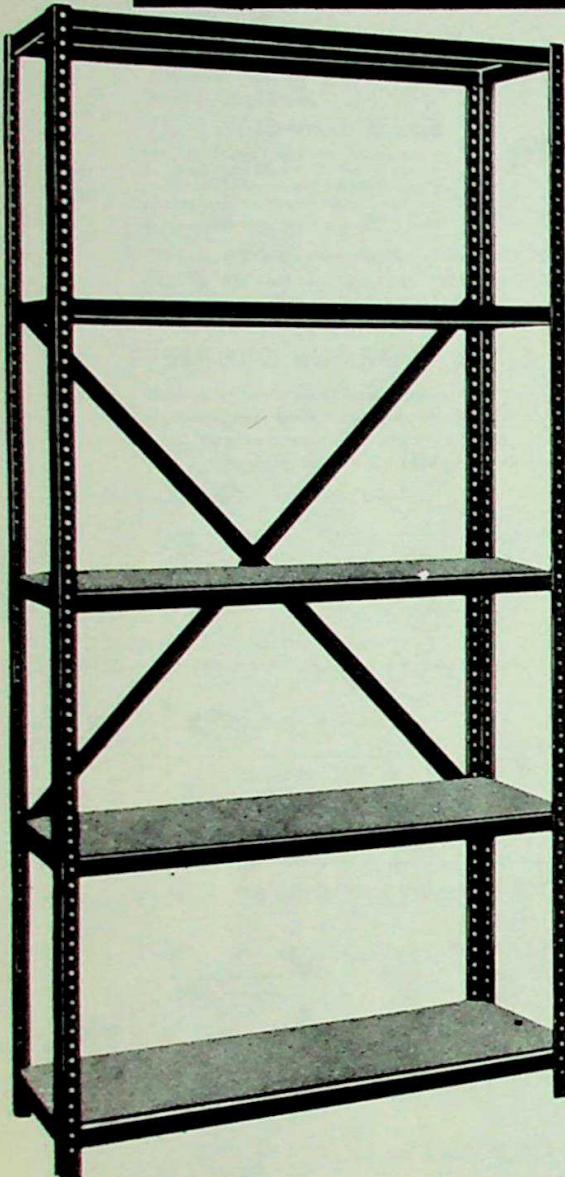
No.	Wide	High	Deep	RACKS WILL HOLD	Price Ea.	
4210	Rock	42 1/2"	28"	10"	50-No. 46 Bins or 25-No. 86 Bins	\$15.95
7512	Rock	26 1/2"	58"	12"	72-No. 46 Bins or 36-No. 86 Bins	19.95
5012	Rock	50 1/4"	58"	12"	144-No. 46 Bins or 72-No. 86 Bins	29.95
				BIN PRICES		
				Lots of 6		
				Lots of 12		
				Lots of 18		
				Lots of 36		
46	Bins	4"	3"	6"	\$ .85 ea. \$ .75 ea. \$ .70 ea. \$ .66 ea.	
86	Bins	8"	3"	6"	1.10 ea. 1.05 ea. .96 ea.	



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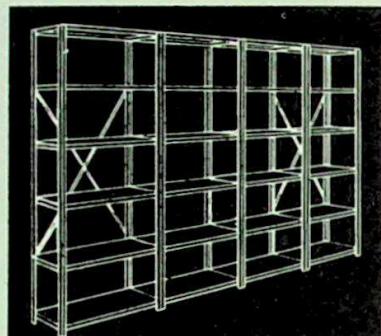
CHICAGO 12, ILLINOIS U.S.A.

# STEEL SHELVING and DRAWERS



*Clean up your  
office and stockroom*

## THE ECONOMICAL MEDIUM WEIGHT STEEL SHELVING UNITS



AS LOW AS

**\$11.95**

COMPLETE  
WITH 5 SHELVES

A strong, attractive storage unit that holds up to 300 lbs. per shelf. Gray permanent baked enamel finishes make it an eye appealing unit, fully rust resistant. Posts are punched at 1" intervals for convenient shelf adjustment. The perfect solution to that paint and screen storage problem.

Shipped individually packaged, and knocked down, easy to store and handle. Instructions nuts and bolts for assembly included. Extra shelves in gray are available.

## STEEL SHELVING UNITS

CAT. NO.	SIZE WxDxH	NO. OF SHELVES	WEIGHT	PRICE
M-57512	36"x12"x75"	5	47#	\$11.95
M-57515	36"x15"x75"	5	54#	13.75
M-57518	36"x18"x75"	5	60#	15.75

## EXTRA SHELVES

CAT. NO.	SIZE	PRICE
M-512	12"D x 36"W	\$1.55
M-515	15"D x 36"W	1.75
M-518	18"D x 36"W	2.05

- ✓ PRACTICAL add units as needed
- ✓ ECONOMICAL costs less than wood bins
- ✓ ORNAMENTAL improves the appearance of your office or stockroom

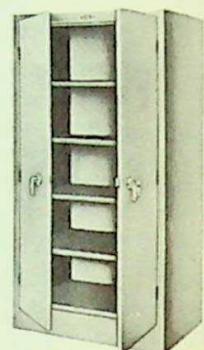
KEEP YOUR SHOP SAFE  
AND ORDERLY.  
SAVE SPACE.

## SAFE-TYPE STORAGE CABINET

This full size cabinet is a fine office addition. Dustproof, made of heavy gauge steel. Protected by strong doors with a two way locking device controlled by a paracentric lock. 76" high, 36" wide, 18½" deep.

No. 76 \$84.00

Additional Shelves  
No. 6-SH \$5.75 ea.



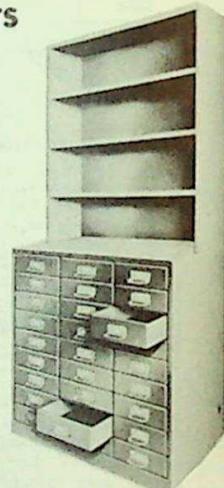
## STEEL WALL UNITS

- ✓ Practical
- ✓ Economical
- ✓ Ornamental

Made of heavy gauge steel yet costs less than wood. Contains 27 drawers (9"x3½"x12"), overall dimensions: 30½" w, 87" h, 13½" deep. Shelves are 30" x 9", adjustable on 2" centers. Olive Green or Gray. No. 586 ..... \$87.00

Same as above but with drawers 16" instead of 12" deep. No. 587 ..... \$97.00

Add'l. shelves \$3.75

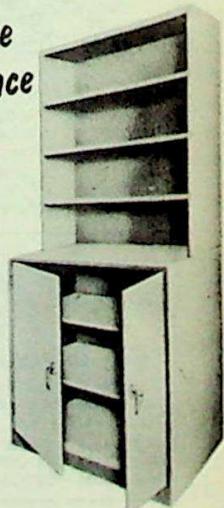


## Turn Waste Space into Valuable Space

Lower unit with 3 adjustable compartments under lock and key. 30½" wide, 87" high, 17" deep. Shelves in bottom cabinet 30" wide x 16" deep. Shelves above cabinet 30" wide x 9" deep. No. 582 ..... \$79.50

Same as above but 75" high and all shelves 30" wide x 16" deep. No. 583 ..... \$81.50

Additional shelves available for above.



**PROCESS SUPPLY CO., INC.**

CHICAGO 12, ILLINOIS U.S.A.

# FIRE PREVENTION NEEDS

A MUST FOR YOUR BUSINESS SECURITY

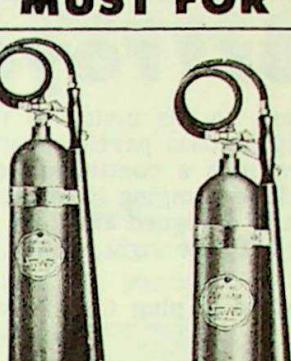


Model 2 1/2 AKR  
2 1/2 lb. size  
\$29.50

Model 5 AKR  
5 lb. size  
\$37.35



Model 10 AKR  
10 lb. size  
\$58.50



Model 15 AKR  
15 lb. size  
\$66.50

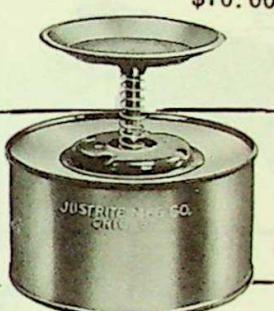
Model 20 AKR  
20 lb. size  
\$76.00

## CARBON DIOXIDE FIRE EXTINGUISHERS

Quick-Aid Carbon Dioxide SNO FOG Fire Guards are quickly effective on fires in oil, paint, gasoline, chemicals, electrical equipment, power plants, etc. Its frigid blast actually seems to "freeze" the flame, chilling and smothering the fire under a thick blanket of carbon dioxide.



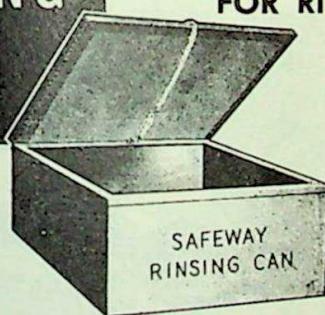
PLUNGER CAN	
Capacity	Price
1 quart	\$ 7.00
1/2 gallon	7.60
1 gallon	9.60



## OILY WASTE CAN

	CAPACITY	SHIP WT.	PRICE
FOOT OPERATED	6 gal.	14 lbs.	\$11.40
	10 gal.	17 lbs.	12.40
	14 gal.	21 lbs.	15.00
	25 gal.	26 lbs.	28.00

## RINSING CAN



## FOR RINSING, WASHING AND DIPPING WITH INFLAMMABLES

Rinsing cans are recommended for all Silk Screen and other shops where volatile liquids are used for cleaning and thinning. Safeway Rinsing Cans are equipped with the Underwriters Laboratories approved fusible link which causes the cover to automatically shut tight in the event of fire. They are rugged to withstand hard usage.

Cat. No.	Length	Width	Height	Price
MC-1012	12"	12"	10"	\$21.50
MC-1224	12"	24"	10"	31.50
MC-2424	24"	24"	10"	41.50

## EXCELSIOR STORAGE BINS



## FOR SAFE STORAGE OF PACKING MATERIALS RAGS AND WASTE

Excelsior Storage Bins are constructed of heavy gauge galvanized iron reinforced throughout by angle iron. Cover is controlled by Underwriters Laboratories approved fusible link, which closes the cover automatically in case of fire. This construction keeps the cover open allowing free use of both hands in handling materials.

Cat. No.	Size	Price
MC-3336	20" x 36" x 33"	\$49.00
MC-3748	21" x 48" x 37"	54.00
MC-3958	24" x 58" x 39"	74.00

5 per cent discount applicable to any assortment of half dozen  
10 per cent discount applicable to any assortment of one dozen

PORTABLE "PARTS-BASKET" CLEANER (1 GALLON SIZE)

6-1/2" diameter basket is loaded with parts and carried to can to be submerged and drained. Heavy gauge and safe.

MC-10370 with basket - \$12.00

DRIP CAN Same as above without cover or removable screens to catch thinner or oil from leaking drums or faucets.

MC-10376 - \$7.60

## SAFETY CANS



FOR STORAGE AND PROPER HANDLING OF INFLAMMABLE AND EXPLOSIVE MATERIALS

These easy handling and easy pouring Safety Cans are approved, inspected and individually numbered and labeled by Underwriters Laboratories, Inc. For safe handling of explosives and inflammable materials. Finished in red baked enamel.

Cat. No.	Size	PRICE
MC-1121	1 quart	\$6.40
MC-1624	1 gal.	\$7.20
MC-2170	2 gal.	\$9.40
MC-3180	3 gal.	\$9.80
MC-5190	5 gal.	\$10.40

**ADVANCE PROCESS SUPPLY CO., INC.**

CHICAGO 12, ILLINOIS U.S.A.

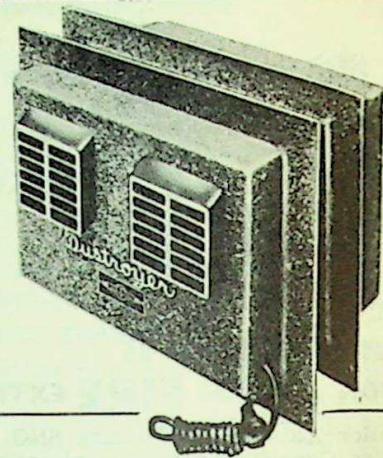
# PHOTOGRAPHIC SUPPLIES

## MILLER-TROJAN "Dustroyer"

The "Dustroyer" builds up a greater air pressure on the inside of the darkroom than on the outside. This pressurizing action repels dust particles when the door of the darkroom is opened. The "Dustroyer" provides a continuous circulation of clean, fresh air by filtering dust from the air before pumping it into the darkroom and by expelling foul odors and stale air. Specially designed air flow grids can be turned to direct the flow of air upward, downward, to the right, to the left or in two directions at the same time.

Unit complete with switch and extension cord ready to plug into your outlet when easy installation is completed.

PRICE.....\$63.40 FILTERS for Dustroyer....\$1.00 each

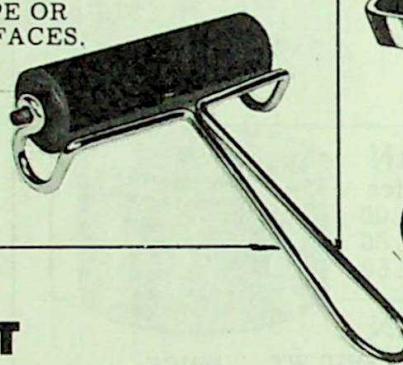


### New DeLuxe CAST BRAYER

FOR PROOFING TYPE OR HIGHLIGHTING SURFACES.

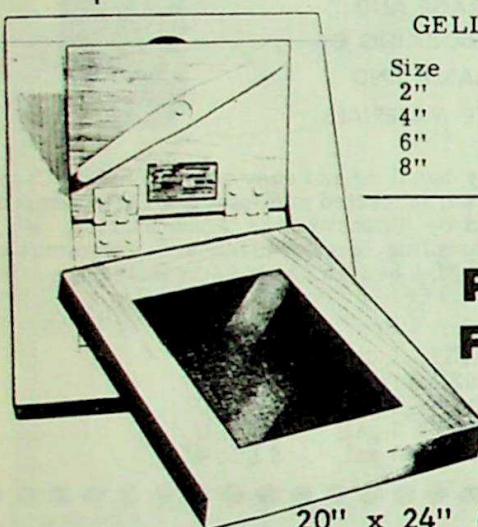
#### GELLATINE

Size	Price Ea
2"	\$5.50
4"	6.50
6"	7.50
8"	8.50



### PRINT FRAME

Size	List
8 x 10	\$6.50
11 x 14	8.75



20" x 24" (No glass). \$24.95

This sturdy print frame is the favorite of both professional and amateur photographer because of its solid, nonwarp construction and ease of operation. Will take years of hard everyday use. Wood is fine hard maple, metal parts are of the best grade, heavily plated. GLASS INCLUDED

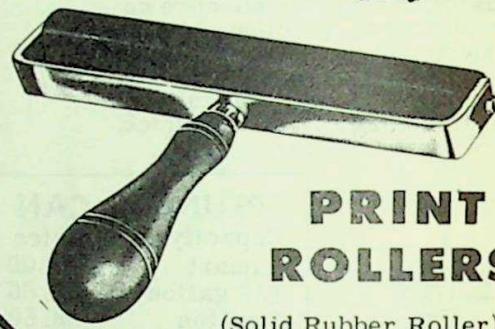


EASY: OPEN-READY  
PRESS - LOCK

### FILM CLIPS

EASY CLIP has a patented locking feature which permits it to remain open and ready for use. A slight thumb pressure locks it securely on the film. Independent laboratory tests show 4 times more gripping power - GREATER SAFETY FOR PRECIOUS FILMS! Patented "open wells" provide perfect drainage and air circulation. There is a minimum of contact with the film. Made of a specially E-ZEURO STAINLESS STEEL impervious to chemical action. 3/4" size with pin point grip is ideal for hanging sheet film.

PRICE.....\$.25 each  
2.50 per dozen

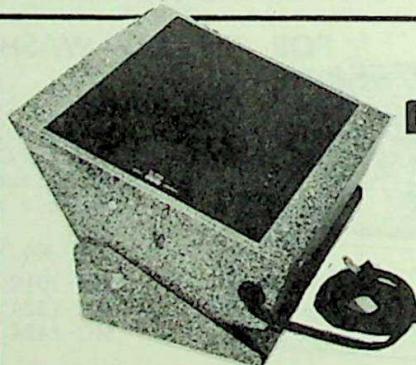


### PRINT ROLLERS

(Solid Rubber Roller)  
4"-6"&8" SIZE ROLLER

Reinforced with Stainless Steel Insert. Over-size Roller. Extra Large Handle.

Size	Price Ea.
4"	.95
6"	1.50
8"	2.50



### DARK ROOM SAFE LIGHT

5 x 7 in.  
THE BEST  
AT THIS LOW PRICE

Cool, safe 5"x7" safelight sturdy constructed of steel. Light, tight housing holds fast at any point of its 360°arc. Specially constructed hinged door permits quick and easy filter change with any standard 5"x7" filter. Sturdy base, for table top use (rubber feet may be removed from holes for easy mounting to wall or ceiling). This safelight is so versatile that it can be used as a viewing unit, retouching stand, or multipurpose light table by using clear or ground glass filter. Equipped with 7 watt bulb, on-off switch, 6 ft. rubber cord and amber filter. Platinum grey enamel finish.

MODEL 1012 DARKROOM SAFELIGHT	PRICE
Safelight only	\$20.20
10 x 12 Wratten filters for above—\$5.35. Red Wratten 1-A most commonly used.	...\$6.25

Safelight with red filter  
...\$6.25



ADVANCE PROCESS SUPPLY CO., INC.

CHICAGO 12, ILLINOIS U.S.A.

# in stock for immediate delivery- Every Screen Process Photo Need

## Photo Blotting Paper

Highly absorbent, lintless and chemically pure, "APSCO" Blotting Paper is manufactured especially for photographic use.

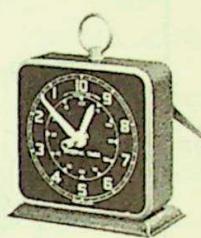
Size	Per Doz.	Per 25	Per 125	Per 250	Per 500
19x24"	\$1.25	\$2.25	\$10.50	\$19.85	\$37.45

## SOLAR ALL PURPOSE INTERVAL TIMER

FOR • DARKROOM • INDUSTRY • LABORATORY • INSTITUTIONS  
NEW! HANDS, NUMERALS AND SCALE  
GLOW IN DARK

Here is a fine all-metal timer with a powerful hand-wound spring built to take a lot of hard daily work.

Black face, white numerals and hands, all very easily read. Large dial reads 1 minute to 10 minute intervals (divided into 15 second intervals). Smaller inner dial divided into 10-minute intervals to a total of 120 minutes. The timer is quickly set. Alarm bell rings at end of interval. Face is four inches square. Thoroughly tested.



No. 2500. SOLAR LUMINOUS INTERVAL TIMER. Safe for paper, film . . . . . \$9.85

## SWEEP-SECOND TIMER

Model No. MS-246

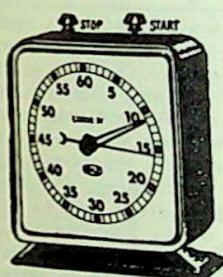
A highly accurate easy-to-read timer for the dark room. Ideal for developing, printing, enlarging and all other operations that call for accurate timing.

Full sweep second hand giving seconds from 0 to 60, as well as minute hand keeping track of time from 0 to 60 minutes.

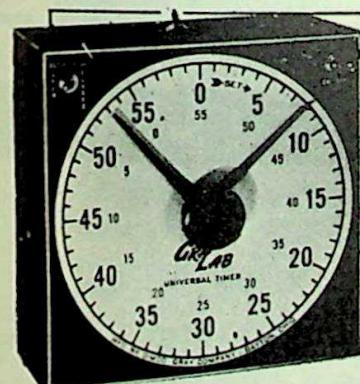
Start or stop instantaneously or reset to zero. The handiest timer you've ever had.

SWEEP SECOND TIMER No. MS-246

PRICE - \$8.95



## GRA-LAB UNIVERSAL TIMER



For timing, developing, fixing, washing, printing and enlarging exposures, and most other darkroom operations. Times from 1 second to 60 minutes by seconds. 3600 possible settings. Turns enlarger, printer, etc., on for desired interval, then off automatically - 2 electric outlets for automatic timing. Large 8" dial can be read easily from across the room. Clear buzzer indicates end of timed period. Accurate to within 1/70 of 1 per cent. 110-120 V. 60 cycle AC operation. (110 or 220 V., 50 or 25 cycle on special order at extra cost).

MODEL 165 each.....\$23.95

MODEL 168 as above, but with Luminous Dial, each... \$24.95

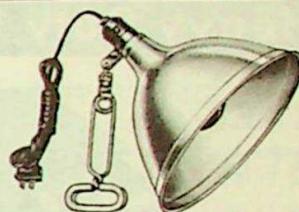


## Stand Reflector

A complete large 12" plated spun reflector and all metallic telescopic stand.

Completely adjustable with cord and socket. Uses # 2 photoflood.

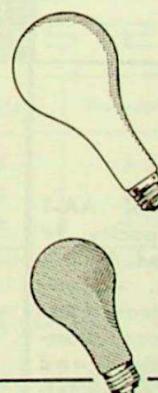
M.S. # 627 Price \$9.95



## Clamp-on Reflector

Where carbon arc lamps are unavailable photo-flood lamps may be used to expose carbon tissue Craftint pre-sensitized film or Ulano Photo Film.

MR-128 Price \$3.00



## Photo Flood

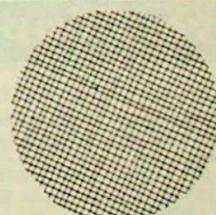
Excellent for use with clamp on reflector. Six hours continuous service.

No. 1 - \$ .35 ea. - \$3.95 dz.  
No. 2 - \$ .55 ea. - \$5.50 dz.

## Safe Light

A natural ruby red safe bulb for dark room use. 25 Watt G.E. fits standard socket.

Price \$1.75 each



## Filters

These 8" diameter Johnson & Johnson filters are just the thing for straining sensitizers developers, fixers and other liquids. Gauze & cotton.

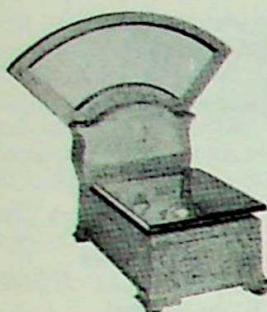
# FP-88 Price \$2.95 per 100

**ADVANCE PROCESS SUPPLY CO., INC.**

CHICAGO 12, ILLINOIS U.S.A.

# SCALES

## Automatic Industrial Scale



### TRINER SCALE

Model 833  
Capacity 10# x 1 oz.  
Base 7" x 12-3/16"  
Height 15"  
Platform Stainless Steel 6½" x 8"  
Features: Twin Pendulum Accuracy - No  
Springs - Self Leveling - Hydraulic  
Dampening.

PRICE \$200.

## Automatic Industrial Scale.



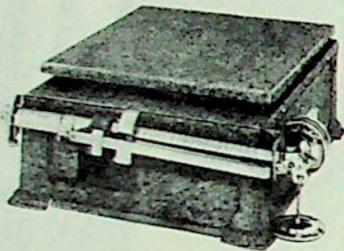
### TRINER SCALE

Model 1810-C  
Capacity 100# x 8 oz. - Base 14-1/8"  
x 24" - Height 27½" - Platform  
17" x 20" x 6" Flange.  
Features: Twin Pendulum Accuracy - No  
Springs - Self Leveling - Hydraulic  
Dampening.

\$330.

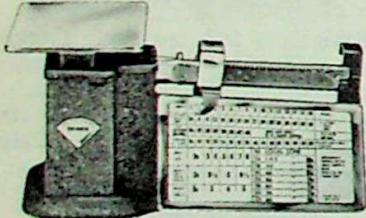
## Heavy Duty Beam Scale

### TRINER SCALE



Model 303 - Capacity 202# x 1/100#  
All Steel Construction - Platform: 12½"  
x 14" - Overall Dimension: 17" x 13"  
x 6½".  
\$102.00

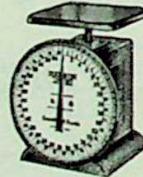
## Postal Scale



Foreign, 2nd, 3rd, and 4th-Class, 1st-  
Class Airmail, Airmail Parcel Post.  
U. S. Post Office, Approved. \$24.00

Model AA-1  
Capacity 1#  
Grad. by 1/2  
Oz. - Computes  
1st-  
Class Dom-  
estic and

## Industrial Scale



### SPECIFICATIONS

Capacity: 60 lbs. x 2  
ounces. Dial: 8" dia.  
enamel. Platform:  
7" square. Dimen-  
sions: 10½" x 7¼" x 8".  
Designed for industrial weighing ser-  
vice. Extra heavy, rugged mechanism.  
Precision calibrated spring. Durable  
enamel finish. Easy to read dial.  
Adjusting nut so that pointer may be  
set to balance scoop or container.  
No. 2060.....\$13.50

## Gram Scale



### SPECIFICATIONS

Capacity: 500 grams  
x 1 gram. Rotating  
Dial: 6½" dia. Fin-  
ish: White enamel.  
Platform: 5½" square,  
stainless steel. Dimensions: 9½" x  
6¼" x 6½". No. 1440.....\$13.95  
Capacity: 1000 grams x 2 grams. Other  
specifications same as 1440.  
No. 1460.....\$15.00

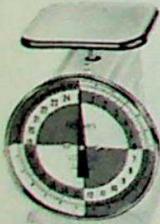
## Commodity Scale



Calibrated by a read-  
able 1/8 of an ounce  
graduation up to 32  
ounces. Permits use  
of this scale for many

industrial weighing problems, such as:  
restaurant portions, ice cream testing,  
sorting, counting, packaging, and many  
others uses. Special dials can be fur-  
nished for special uses. Specifications:  
Capacity: 2 pounds by 1/8 ounce - Dial:  
6½" diameter. Black Figures on white.  
Glass protected, Stainless steel bezel.  
Dimensions: 6½" x 6¼" x 9½" high.  
Platform: 5½" square, stainless steel.  
Finish: White enamel. Packing: One to  
a corrugated carton. Price \$15.00

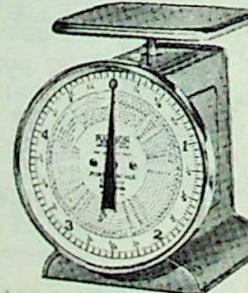
## Silver Clipper Scale



### SPECIFICATIONS

Capacity: 24 pounds grad-  
uated by ounces.  
Dial: 6½" diameter. Legible  
black figures on white and  
silver. Glass protected.  
Stainless steel rim.  
Dimensions: 9½" high x 6¼"  
x 6½" Price \$8.95

## Postal Scale



No. 1509 - Capacity:  
5 lbs. by ½ ounce.  
Computes postage for  
air up to 8 oz., first  
class up to 4 lbs., and  
merchandise mail up  
to 5 lbs.

Specifications: No. 1509  
Dial: 6½" diameter, glass covered. 5#  
Capacity. Platform: 5½" square. Di-  
mensions: 6½" x 6½" x 9½" - \$12.95



**ADVANCE PROCESS SUPPLY CO., INC.**

CHICAGO 12, ILLINOIS U.S.A.

# FLUORESCENT 4-POST TRACEMASTER TRACING TABLE

LIFETIME STEEL  
STREAMLINED—  
ADJUSTABLE  
TILTING TOP



- Hard baked grey enamel finish • Cool —no eye strain • Smooth glass working surface • Sand-blasted underside for diffused lighting • Scientifically designed reflector • Details show up clearly even on old blueprints • Extra long electric cord • Equipped with Underwriters listed electrical parts • 2 adjusting devices to raise or lower tracing surface to comfortable working angle • Shipped K. D.

Cat. No.	Tracing Surface	Fluorescent Lamps	Weight	Price
TR 420T	20 x 25	2-20 Watts	80 lbs.	\$134.00
TR 436T	24 x 36	2-30 Watts	95 lbs.	160.00
TR 448T	36 x 48	4-40 Watts	155 lbs.	346.00

## STACOR LIFETIME STEEL TRACING BOARD

PORTABLE  
•  
BUILT-IN  
REFLECTOR

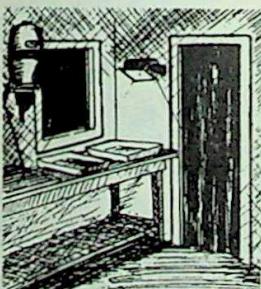
- Sand-blasted glass for better light distribution • Equipped with 2 movable fluorescent lamps, switch and extra long cord
- Baked white enamel reflecting surface • Entire unit finished in hard baked grey enamel • Can be used flat or at an incline
- Equipped with rubber feet • Underwriters listed electrical parts.

Cat. No.	Tracing Surface	Fluorescent Lamps	Weight	Price
TR 16	16 x 20	2-15 Watts	25 lbs.	35.00

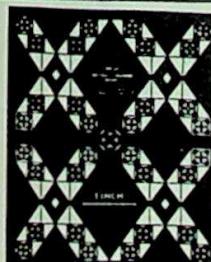
## STACOR PORTABLE TRACEMASTER TRACING BOARD

Cat. No.	Tracing Surface	Fluorescent Lamps	Weight	Price
TR 20	20 x 25	2-20 Watts	60 lbs.	82.50
TR 36	24 x 36	2-30 Watts	80 lbs.	96.50
TR 48	36 x 48	4-40 Watts	120 lbs.	262.00

## DARKROOM UTILITY CLOTH



Convert spare rooms into darkroom with removable window covers and door drapes made of this lightproof black cloth. Also for existing darkrooms and for darkening rooms for projections. Many other uses. Sturdy, high thread-count, black fabric, rubber coated. Soft and pliable for easy folding or rolling. May be machine or hand sewn easily. Long lasting.—  
36" wide. — 36" by 10 yard roll — only \$23.95  
Longer sizes, per yard ..... \$2.49



## SOLAR CRITICAL FOCUSING CHART

A razor-sharp negative that may be placed in the enlarger to secure sharp focus. Replaced by regular negative for making exposure.

5x7", Each ..... \$2.00

## HEAVY DUTY RETOUCHING DESK

Here is a Heavy Duty Retouching Desk designed for the professional. For negatives or plates 8x10 in. and smaller.

Reflecting type with large mirror and ground glass.

Adjustable negative or plate holder for positioning, with hinged hood for light shade.

Folds compactly to 4x10½x12 in. Provided with drawer for pencils and retouching material.

Heavy wood construction with oversize metal position knobs. The outstanding desk on the market. Recommended by Professionals, \$24.50 Each, only.

MODEL II as above — but with Opal Glass instead of Ground Glass \$29.50  
Price — each



## MAGIC ART REPRODUCER

For reproduction of drawings. With extra high power, clear and sharp "Reproducer Unit". Will also enlarge or reduce. Ideal for silhouette picture. Complete with package of silhouette paper, white outline drawing pencil. .... Each \$1.98

# JET LINE

## STRIPPING TABLES AND LINE-UP TABLES

**nuArc JET LINE Tables** are invaluable precision tools for every graphic arts plant. All moving parts are precision machined and aligned at the factory. Straight edge assembly rides accurately and effortlessly on a heavy duty rack and gear mechanism.

nuArc quality means more accurate stripping and registering . . . reduced "make-over" . . . better and more efficient printing.

### NOW YOU CAN REGISTER and REPEAT

An exclusive nuArc feature that saves you time and guarantees accuracy of duplicates and make-overs. Simply set the stops that are standard equipment on all JET LINE tables (six vertical and six horizontal) for your original flat, plate, press or bindery layout sheets. If it is necessary to make more than one copy, with the pre-set stops as a guide you are sure of duplicating your originals quickly and with perfect accuracy. As an added convenience, bars on line-up tables can be removed and stored indefinitely with the stops in position. Extra bars and stops are available.

#### STRIPPING TABLES WITH HORIZONTAL STRAIGHT EDGE

MODEL	GLASS	FLOOR SPACE	PRICE
ST-31H	24 x 31	36½ x 40½	\$395
ST-41H	31 x 41	43½ x 50½	495
ST-51H	43 x 52	55½ x 61½	795

#### STRIPPING TABLES WITH VERTICAL STRAIGHT EDGE

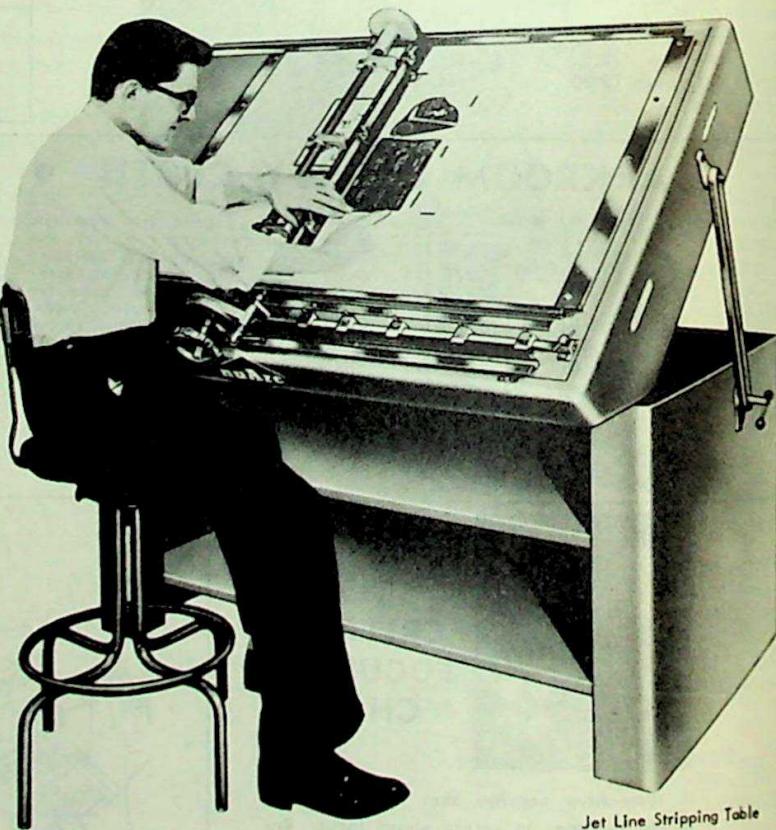
ST-31V	24 x 31	35¼ x 48½	\$395
ST-41V	31 x 41	42¼ x 58½	495
ST-51V	43 x 52	54¼ x 69½	795

#### LINE-UP TABLES

RR-31	24 x 31	43¼ x 48½	\$595
RR-41	31 x 41	50¼ x 58½	795
RR-51	43 x 52	62½ x 69½	1,195



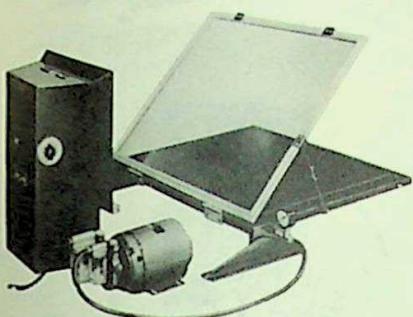
Jet Line Line-Up Table



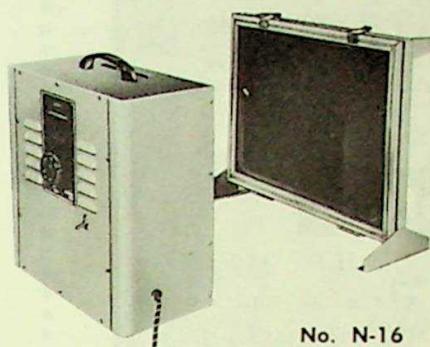
Jet Line Stripping Table

**ADVANCE PROCESS SUPPLY CO., INC.**  
CHICAGO 12, ILLINOIS U.S.A.

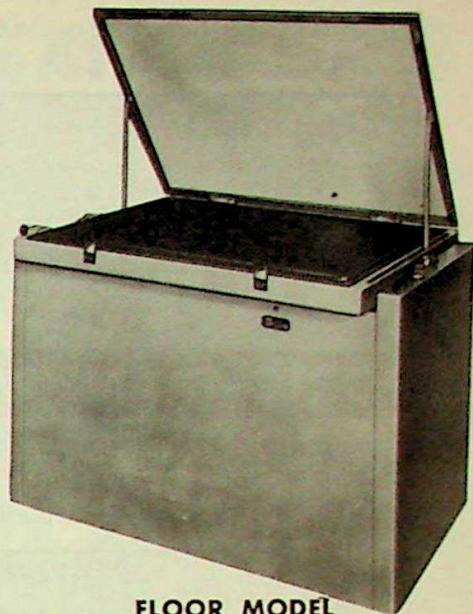
## VACUUM FRAMES & ARC LAMPS



No. 1722-20



No. N-16



**FLOOR MODEL**

Sturdy steel cabinet-type base. Control panel on right-hand side has vacuum gauge, switch, and bleed valve.

**MODEL VF41F—30x40"** Floor Model Vacuum Frame without Vacuum Pump.....\$250.00

**MODEL VF41F-1—30x40"** Floor Model Vacuum Frame, complete with Vacuum Gauge, Pump and Motor, Bleed Valve.....\$295.00

### FINER REPRODUCTION • LONGER RUNS

#### No. 1722-20

For plates up to 21" x 25".  
Aluminum glass frame . . . steel  
vacuum frame. Hinged at feet.  
Complete with arc lamp, 5-min.  
timer, motor, pump, gauge.

\$259.00

No. 1722-20A. Same as above,  
with automatic arc lamp \$305.00  
Frame and gauge only. \$125.00  
Arc lamp only.....\$115.00

#### No. N-16

For plates up to 12½" x 17½". Steel construction. Manual  
arc control.

Frame and arc lamp .....\$129.00

Frame, arc lamp, pump and motor.....\$186.50

Frame only .....\$ 55.00

Arc lamp only .....\$ 85.00

**No. N-16W.** Fully enclosed version of N-16....\$139.00

With pump and motor.....\$196.50

#### **TABLE MODEL**

Same as above—less cabinet-type base.

**VF41T—30x40"** Vacuum Frame with Vacuum  
Gauge and Bleed Valve, less pump and motor.

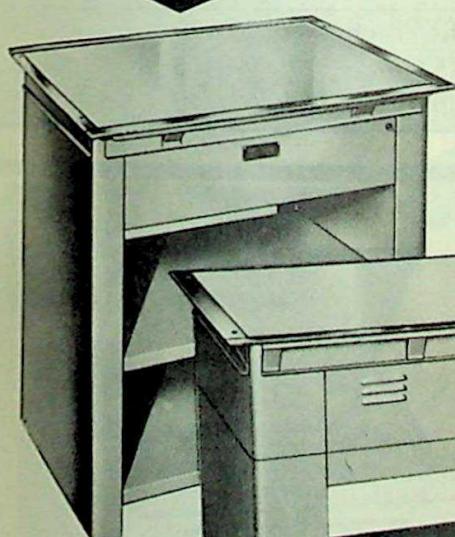
\$230.00

**VF41T-1 — 30x40"** Vacuum Frame complete  
with Vacuum Gauge, Pump and Motor, Bleed  
Valve .....

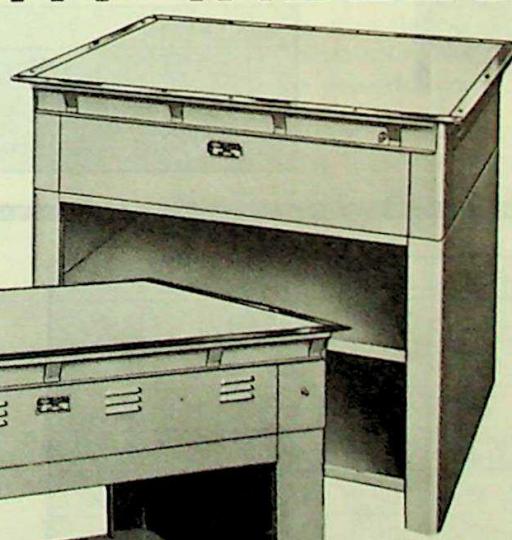
\$275.00



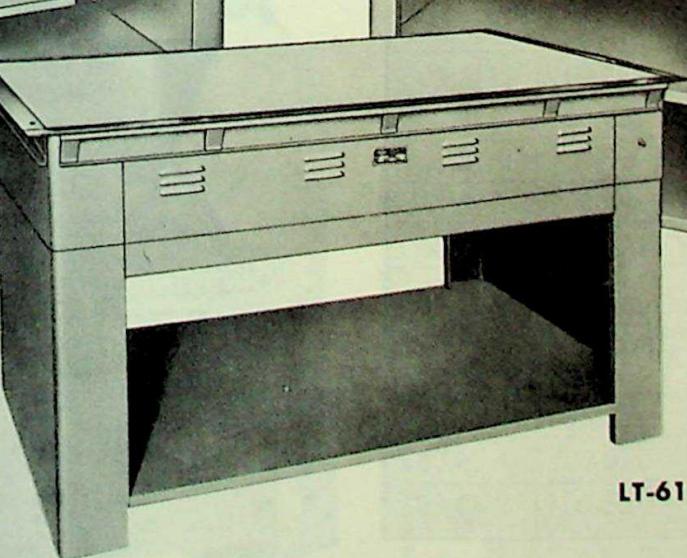
## LIGHT TABLES



LT-23



LT-42



LT-61

#### **All nuArc light tables feature:**

Highly polished, chromed, machined steel  
adjustable straight edges on all four sides.  
Ceramic glass top — a single sheet of  
glass, easy and inexpensive to replace.  
Softly diffused fluorescent light gives  
even light over the entire working area.  
Attractive silver hammerloid baked  
enamel finish.

Large steel storage shelf.

Top removable on larger models to fa-  
cilitate moving through 30" door.

Shipped completely set up, ready to  
use. No crating charges.

MODEL	GLASS AREA	PRICE
LT-18	18 x 20	\$ 45.00
LT-23	23 x 28	99.00
LT-42	30 x 40	175.00
LT-51	36 x 50	245.00
LT-61	42 x 62	285.00

#### **ACCESSORIES:**

For LT-23 —

Developing top .....\$25.00

Drop leaf work table,  
for either or both sides..\$25.00 ea.

"Catch-all" shelf,  
for either or both sides..\$12.50 ea.

"Catch-all" shelf for LT-18..\$10.00 ea.

"Catch-all" shelf for LT-42..\$15.00 ea.

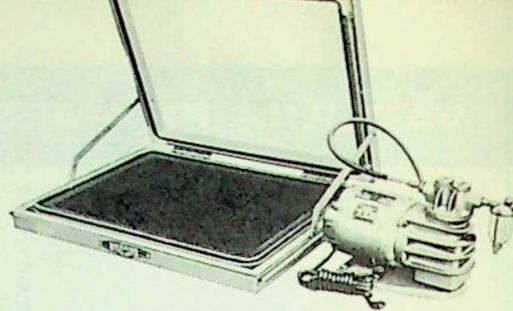
**ADVANCE PROCESS SUPPLY CO., INC.**

CHICAGO 12, ILLINOIS U.S.A.

# PORTO-FRAME

Complete with vacuum pump, heavy duty 1/4 H.P., 110 volt, AC 60 cycle motor, extension cord, operating and assembly instructions. DC and odd cycle units available on request.

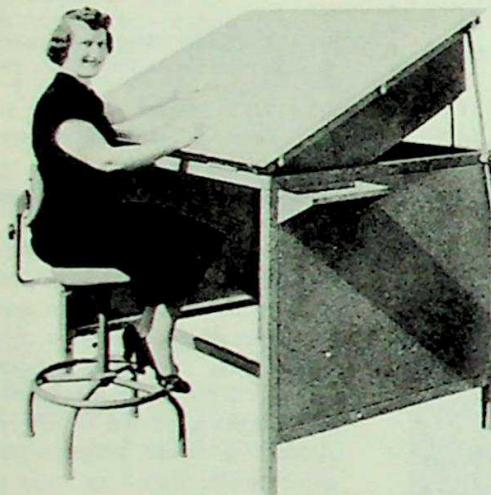
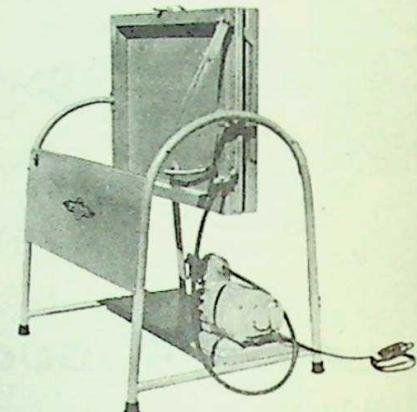
Model V-1116	SIZE 11" x 16"	\$139.70
Model V-1224	SIZE 12" x 24"	145.70
Model V-2024	SIZE 20" x 24"	192.40
Model V-2228	SIZE 22" x 28"	230.20



## PORTO-FRAME With Stand

Complete with vacuum pump, heavy duty 1/4 H.P., 110 volt, AC 60 cycle motor, switch, extension cord, operating and assembly instructions, DC and odd cycle units available on request.

Model VS-1116	SIZE 11" x 16"	\$181.70
Model VS-1224	SIZE 12" x 24"	187.40
Model VS-2024	SIZE 20" x 24"	236.20
Model VS-2228	SIZE 22" x 28"	276.55



## TILT-TOP LAYOUT TABLE

Tops for make-up, masking, line-up, stripping, color register, ruling, retouching, opaquing. . . wherever any type of work is done requiring an evenly illuminated work surface that is squared on four sides. Features are: rugged, aircraft type welded steel tubing, sheet metal and aluminum casting construction; diffusion sheet mounted under working surface eliminating glare, grain effects; "Tilt-Top" adjustment arm raises top to desired angle and screw type handle locks it safely and securely; machined straight edges that are adjustable; plugs into any 110 volt, 60 cycle outlet.

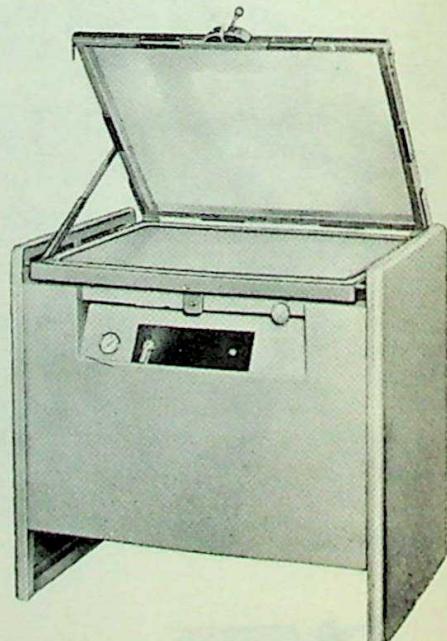
MODEL NO.	SIZE	PRICE	CRATING
TL T-2430	32" x 26" x 45" high	\$252.70	\$15.05
TL T-3242	34" x 44" x 45" high	291.60	18.55
TL T-3850	40" x 52" x 45" high	325.20	22.45

## CABINET MODEL VACUUM FRAMES

Complete with pump and motor, vacuum gauge and bleeder valve.

These frames can be equipped with automatic vacuum control for an additional charge of \$38.00, any size frame.

Plate Size	Price	Crating
20 x 24	\$295.00	\$18.00
22 x 28	325.00	18.00
25½ x 36	385.00	20.00
28 x 36	410.00	20.00
30 x 40	420.00	22.00
32½ x 43	435.00	23.00
37 x 48	480.00	25.00
40 x 50	515.00	26.00
40 x 60	560.00	27.00
50 x 60	710.00	36.00
50 x 70	765.00	40.00



**ADVANCE PROCESS SUPPLY CO., INC.**

CHICAGO 12, ILLINOIS U.S.A.

**nuArc**

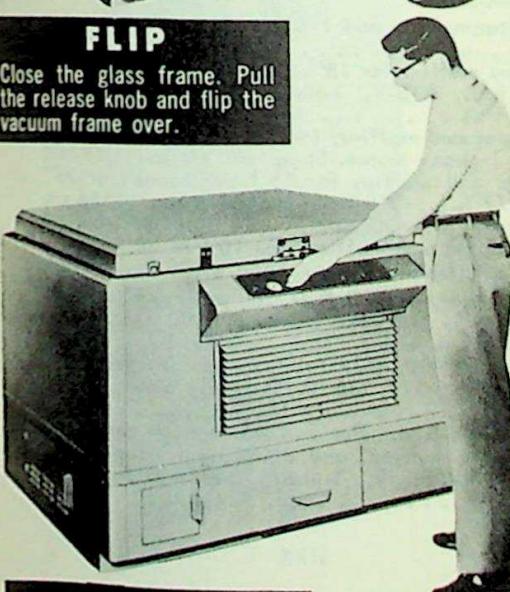
# flip-top PLATEMAKERS

**LOAD**

Lift the glass, position the negative and plate.

**FLIP**

Close the glass frame. Pull the release knob and flip the vacuum frame over.

**EXPOSE**

Set the timer. Automatically controlled carbon arc lamp is built into the base with the reflector.

# FASTER- EASIER- PLATEMAKING

*vacuum frame on top-  
carbon arc lamp  
enclosed in base*

"Flip-top" platemakers incorporate the first really new concept in platemaking in years. In one compact unit are the vacuum frame, controls, carbon arc lamp and reflector. In three fast, simple steps the plate is loaded and in position for exposing.

The combination of simple controls, compact design and perfectly balanced revolving top makes the flip-top unit easily operated from one position . . . by one operator.

Flip-tops take up a floor space just a few inches larger than the actual size of the plate. No partitions or curtains are necessary because the light from the powerful carbon arc lamp is contained within the cabinet.

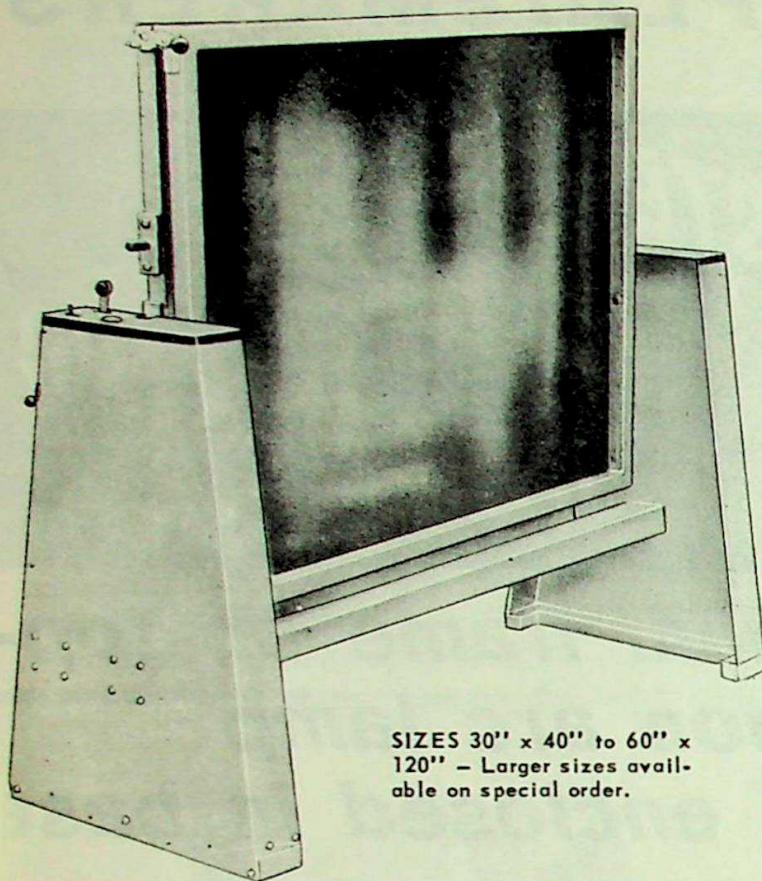
A patented nuArc feature eliminates all manual settings and adjustments. Once the timer is set for the desired exposure, the arc strikes itself and continues to burn with no attention necessary until the time interval elapses. All models incorporate a 5-minute timer — if longer exposures are necessary, by flipping the machine to manual, the arc will burn indefinitely. Flip-tops are available with automatic or motor driven arc lamp.

**SIX PRACTICAL SIZES**

MODEL	MAXIMUM PLATE SIZE	FLOOR SPACE	PRICE
FT-52	43" x 52"	55" x 65"	\$1,195.00
FT-52M**	43" x 52"	55" x 65"	1,395.00
FT-40	30" x 40"	50" x 51"	795.00
FT-40M**	30" x 40"	50" x 51"	945.00
FT-32	28" x 32"	40" x 48"	695.00
FT-32M**	28" x 32"	40" x 48"	845.00
FT-26	21" x 25"	33" x 41"	495.00
FT-24	17" x 24"	28" x 29"	435.00
FT-18A	13" x 18"	24" x 20"	345.00*
FT-18 with manual arc control	13" x 18"	24" x 20"	295.00*

\*Table model. Add \$30.00 for floor stand.

\*\*DELUXE "M" SERIES: With motor driven arc lamp mechanism—offers more stable exposure—constant light value and more uniform coverage.



SIZES 30" x 40" to 60" x 120" - Larger sizes available on special order.

- Latest, "finger tip" controls.
- Equipped with famous Miller-Trojan "Dura-Rubber" vacuum blanket.
- Has powerful, "whisper quiet" rotary type vacuum pump.
- Control of vacuum through range of 5" to 26".
- Counterbalanced vacuum frame lid.
- Vacuum frame pivots effortlessly and quickly on heavy steel bearings.

## MULTICOP STEP AND REPEAT MACHINE

### MODEL NO. SPNK-2



PRICE  
\$1995.00

CRATING  
\$50.00

This revolutionary machine is designed to step and repeat film negatives with the utmost economy in time and with hairline register.

It takes only a few minutes to set up for the first color, and an average sheet of some 30 steps can be completed in about 15 minutes.

Only one positive and one negative of each color is required to insure a smooth positive being produced by the machine, and spacing between any single positive is possible by means of repeat bars graduated in millimeters which are supplied with the machine.

There are ample safeguards against faulty exposures and the circuit closes only when the operator, working in the darkroom, is given the necessary signal by pilot light.

The carriage with the point light source, under which the negative is mounted, is moved forward into the succeeding forward position by the right hand while the left hand disengages the catch by pressing the repeat bar to the left of the carriage.

Setting up is simplified by having an illuminated light box and the timer can be set for any exposure from zero to six seconds. The control panel houses the main switch, the pilot lights and the timer for ease of operation.

#### SPECIFICATIONS

Maximum Sheet Size: 16" x 24"  
Maximum Size Positive for Reproduction: 4" x 4"

# MILLER TROJAN

## STANDARD

### VACUUM FRAME

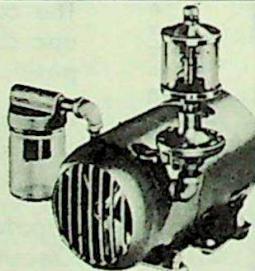
Vacuum release handle, vacuum gauge and vacuum pump switch are conveniently located at the top of the right end base. Vacuum control handle, which enables operator to select any amount of vacuum pressure from 5"-26", is located just below these in the end base.

Vacuum pump is equipped with  $\frac{1}{4}$  h.p. motor and delivers 2.0 C.F.M. 0" Hg.

End bases and base support tubes are constructed of 10-gauge (.105" thick) sheet steel. Vacuum frame assembly is of aircraft-type welded steel tubing. Vacuum blanket is made of tough diaphragm rubber matting onto which is adhered a sheet of ribbed rubber and resilient rubber beading.

MODEL	PLATE CAPACITY	PRICE	CRATING
HU-3040	30"x40"	\$421.90	\$ 24.70
HU-3648	36"x48"	\$434.50	\$ 30.85
HU-4454	44"x54"	\$484.50	\$ 36.25
HU-4464	44"x64"	\$574.50	\$ 41.75
HU-60120	60"x120"	\$1703.40	\$151.50
HU-44168	44"x168"	\$2018.45	\$152.50

Modification for deep well to accommodate screen frames up to 1½" in thickness, add \$10.45 per square foot to above prices. For thicker frames prices on request. Modification for gravure write for quotation.



## VACUUM PUMPS

### Integral Motor Pump Units

model V3-G18 B

V36-G10. With oiler-filter, muffler and 1/6 h.p., 115-V, 1-PH motor. Shpg. wt. 27 lbs. . . . . \$67.00

V2-G18B. With oiler and muffler for 15" continuous or 26" intermediate duty. 1/4 h.p., 115-V, 1-phase motor. Shpg. wt. 32 lbs. . . . . \$82.00

V3-G18B. With lubricator and muffler, for 10" to 28" continuous duty. 1/4 h.p., 115-V, 1-phase motor. Shpg. wt. 34 lbs. . . \$94.00

V2-G180B. With oiler and muffler for 15" continuous or 26" intermediate duty. 1/3 h.p., 115-V, 1-phase motor. Shpg. wt. 33 lbs. . . . . \$87.00

V3-G180B. With lubricator and muffler, for 10" to 28" continuous duty. 1/3 h.p., 115-V, 1-phase motor. Shpg. wt. 35 lbs. . . \$99.00

V4C-G32. With oiler, muffler, and 5" P.D. fan pulley, plus base, V-belt, and motor pulley - Includes pump @ 1090 r.p.m., plus 1/3 h.p., 115/230V., 1-phase motor. Shpg. wt. 85 lbs. . . \$136.40

V4D-G34AB330. Same as V4C-G32 (above), except pump is @ 1440 r.p.m., plus 1/2 h.p., 115/230 V., 1-phase motor. Shpg. wt. 87 lbs. . . . . \$147.20

**HEAVY DUTY MODEL: V4-G34.** For use where high vacuum is needed. With lubricator, muffler, and coupling. Plus base - Includes 1/2 h.p., 115/230 V., 1-phase motor. Shpg. wt. 86 lbs. . . . . \$172.20



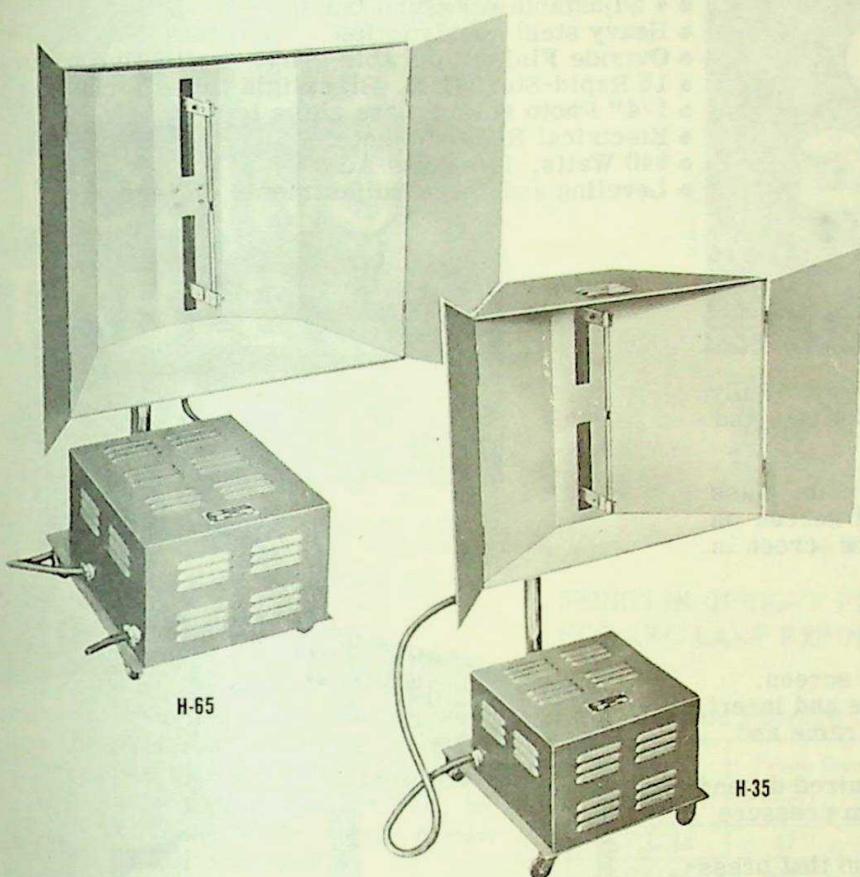
**ADVANCE PROCESS SUPPLY CO., INC.**

CHICAGO 12, ILLINOIS U.S.A.

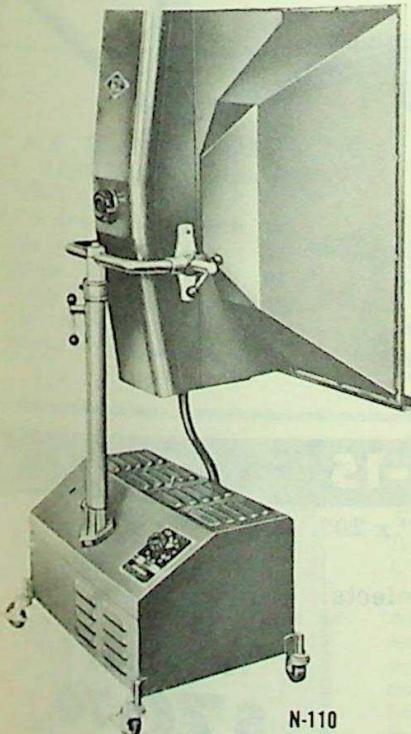


## **CARBON ARC LAMPS**

# **AUTOMATIC ARC LAMPS**



# **MOTOR-DRIVEN ARC LAMPS**



TWELVE MODELS AVAILABLE  
•N-110 uses Cat. No. C-3606 carbon

DESCRIPTION	PRICE	
	N-110	N-75
PRINTING LAMPS	\$ 675.00 ea.	\$ 550.00 ea.
CAMERA LAMPS (floor models)	1,350.00 pr.	1,100.00 pr.
CAMERA LAMPS (for lamp carriers)	1,380.00 pr.	1,130.00 pr.
CAMERA LAMPS, DOUBLE DECK (floor models)	2,950.00 pr.	2,450.00 pr.
DOUBLE DECK ARC LAMPS (overhead carrier type)	2,855.00 pr.	2,355.00 pr.
FOR RUTHERFORD PHOTO COMPOSERS	715.00 ea.	.....
FOR MONOTYPE HUEBNER VERTICAL COMPOSING MACHINE	750.00 ea.	.....

• N-75 uses Cat. No. C-3598 carbons

**SUPERB PERFORMANCE  
AT A LOW PRICE**

Uniform coverage—steady burns (color and intensity) — economical operation — low initial cost . . . what more could you ask for in an arc lamp?

Hi-Lite Arc Lamps are economical to operate. For example, a pair of H-66 lamps produces 75 amps at the carbons, but draws only 15 amps per pair from the power line. Patented mechanism causes carbon arc to restrike automatically at timed intervals—eliminates bouncing or sputtering.

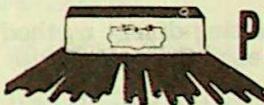
SIX MODELS for cameras and printing frames.

MODEL	DESCRIPTION	PRICE
H-22	CAMERA LAMPS—with transformer and reflector shields.	\$295.00 pr. (Stands—\$55.00 pr.)
H-35	PRINTING LAMPS—115V. With stand, transformer and reflector shields.	198.00 ea.
H-35T	Same as above with built-in 15 minute timer.	216.00 ea.
H-65	PRINTING LAMPS—230V. With stand, transformer and reflector shields.	350.00 ea.
H-65T	Same as above with built-in 15 minute timer.	385.00 ea.
H-66	CAMERA LAMPS. With transformer, reflector shields . . . but without floor stands.	495.00 pr. (Stands—\$55.00 pr.)

- H-35 uses Cat. No. C-3598 carbons

- H-65 uses Cat. No. C-3600 carbons

# National White Flame



# PHOTO CARBON

Cat. No.	Size Type	Carbons Ea.	50 Carbons
C-3200	6mmx6" Plain	.16	\$ 5.20
C-3203	8mmx12" Plain	.27	8.95
C-3212	10mmx12" Plain	.28	9.25
C-3215	10mmx12" Copper Coated	.39	13.00
C-3233	1/2"x12" Plain	.42	14.00
C-3236	1/2"x12" Copper Coated	.57	19.05
C-3239	5/8"x12" Plain	.64	21.35
C-3242	5/8"x12" Copper Coated	.87	29.40
C-3245	3/4"x12" Plain	.85	28.65
C-3248	3/4"x12" Copper Coated	1.16	39.20
C-3593	7mmx6" #76H.I.	.19	6.15
C-3596	8mmx7" #87H.I.	.21	6.80
C-3598	8mmx8" #88H.I.	.27	8.90
C-3600	9mmx8" #98H.I.	.47	15.85
C-3603	9mmx12" #912H.I.	.51	17.00
C-3606	10mmx12" #1012H.I.	.53	17.60
C-3609	11mmx8" #118H.I.	.49	16.35
C-3612	11mmx12" #1112H.I.	.62	20.70



# **PROCESS SUPPLY CO., INC.**

CHICAGO 12, ILLINOIS U.S.A.

# APSCO-RAPID STARTING DIRECT METHOD EXPOSING TABLE

Now available from stock for immediate delivery. Fully Assembled - Just plug into any 110 Volt A.C. Outlet - And start exposure of any Direct Method Screen.

Just place positive down on the Photo-Select plate glass top. Then position sensitized emulsion coated screen on top. Apply uniform pressure to the inside of the screen in the following manner:

1. Cut pressure block material approx. 2" smaller than inside of screen).
  2. Place dark plastic or paper down inside of screen.
  3. Then place foam rubber blanket over frame and insert pressure block so that foam blanket sets into frame and presses uniformly against in side mesh.
  4. Place pressure bars in position where required depending on size of screen. Position so that uniform pressure can be obtained.
  5. Build up under pressure bar if necessary so that pressure is applied to block only and proceed so.
- .....

For speed up screen exposure time - at low costs.

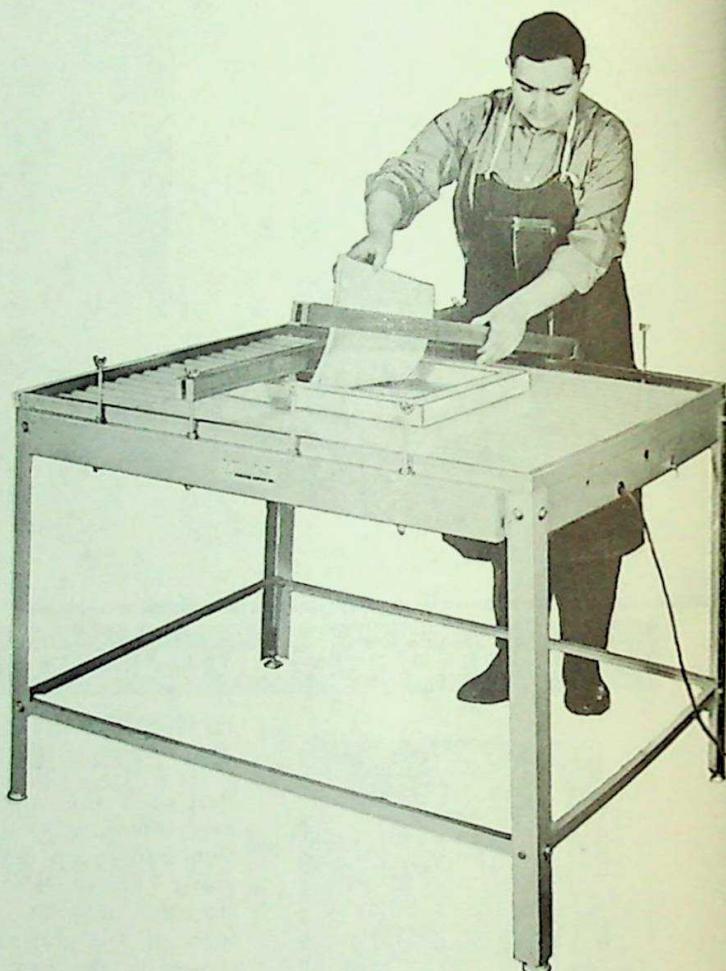
The APSCO rapid-starting direct method exposing table is a complete unit and ready for immediate use.

Cut operating costs - as the New "APSCO" uses only 640 watts on any 110 volt line.

A full uniform coverage of size 34"x48" - or, multiples of smaller screens up to four can be easily exposed with this exposing unit.

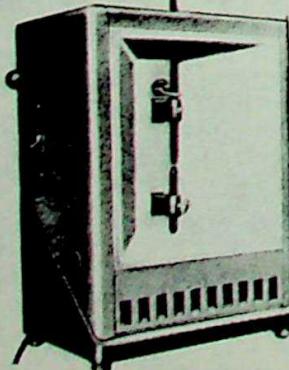
The benefits of the Direct Method photo screen can now be yours at this very low price.

BLACK LIGHT MODEL No. DM-3448  
size 34"x48".....\$295.00  
Timer extra..... 23.95



## Day Star Arc Lamp No. MA-15

For "Burning In" of all silk screen stencils up to size 14" x 20".



- Guaranteed For One Year Against Mechanical Defects.
- Plugs Into 110 Volt AC Standard Outlet.
- Precision Built Of High Quality Materials.
- Manual Arc Striker.
- Uses 10mm Carbons.
- Trouble Free Operation.

PRICE ONLY-  
**\$70.70**  
METAL ARC  
LAMP STAND  
... \$28.05

PROVIDED WITH PORTABLE  
BALL-BEARING CASTERS

# POLYCOP DM VACUUM EXPOSING TABLE

## VACUUM HOLDS FRAMES TO GLASS FOR CLEAR PERFECT EXPOSURE

This is a wholly new concept in printing tables. The very simplicity of its operation makes it virtually foolproof. Vacuum, and vacuum only holds the rubber blanket against the screens and the screens against the glass. This tremendous force holds the screens absolutely still for faultless exposing. The results reach a new high in screen clarity and accuracy.



SWINGS IN UPRIGHT POSITION  
FOR ARC LAMP EXPOSURE

Standard Polycop DM Exposing Units -- Special Sizes to Order

Model No.	Frame Size Max.	Vac. Motor	Price	Crating
SPS-23	35" x 45"	1/4 H.P.	\$ 885.00	\$35.00
SPS-34	47" x 60"	1/4 H.P.	\$ 990.00	\$55.00
SPS-46	66" x 80"	1/3 H.P.	\$1260.00	\$70.00

Complete with Pump and Motor -- Glass not Included.

Throw away those wood blocks and sponge rubber ....  
Here's the new easy way to expose!

1.

PLACE SCREEN FRAME  
OR FRAMES ON GLASS  
TABLE

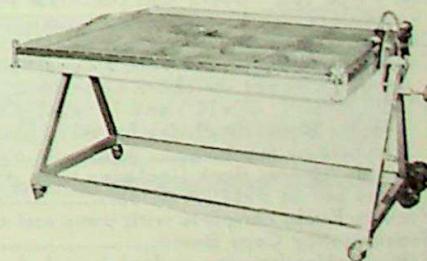
Holds one screen frame as large as 66" x 80" or various combinations of smaller frames. Negatives are placed under the screens on the glass side.



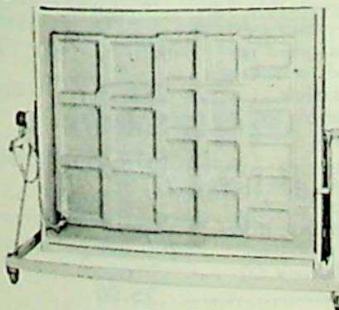
2.

LOWER AND CLAMP  
DOWN RUBBER BLAN-  
KET.... TURN ON VAC-  
UUM PUMP

Pump starts exhausting air from area underneath blanket, "sucking" blanket to screen frames. Blanket starts following contours of wood and screen.



3.



IN 30 SECONDS, AIR IS  
EXHAUSTED... RUBBER  
BLANKET "HUGS" FRAME  
CONTOURS.

Frames are absolutely firm and rigid against glass.... screen is solid and tight against negative. There's no chance of wrinkles or bumps and contact is perfect to the edges of the screen of each frame.

4.



TURN ON ARC  
LIGHT AND EXPOSE  
In a couple of min-  
utes the job is done  
with perfect, accu-  
rate exposure! Just  
flip the table down  
with the convenient  
foot pedal release  
the clamps, lift off  
blanket, and take out  
frames!

**ADVANCE PROCESS SUPPLY CO., INC.**

CHICAGO 12, ILLINOIS U.S.A.

# SHARPSHOOTER CAMERA

## Two Models

Model 1114

(Maximum Negative Size: 11" x 14")

Model 1418

(Maximum Negative Size: 14" x 18")

### BOTH CAMERAS HAVE THE FOLLOWING FEATURES:

**BASIC CAMERA ASSEMBLY.** Aluminum cast end bases, steel monorail track. 18½" x 22½" pressure type copy board complete with cardboard having yellow lines for squaring up and positioning of camera copy.

**LENS DIAPHRAGM CONTROL.** Graduated in some direct percentages as camera focusing scales. Permits instant setting of lens to correct aperture for desired enlargement or reduction. No calculations or conversion charts required.

**SOLENOID SHUTTER.** Controlled by Automatic Reset Timer. Timer opens shutter and turns on exposing lights simultaneously at start of exposure. Timer turns off lights and closes shutter when exposure time has elapsed.

**ADAPTER FRAME.** Rear case equipped with frame which accepts Cut Film, Ektalith, Xerox, or Gevacopy Adapter Backs. Frame is equipped with horizontal adjustment to facilitate centering of image on camera back. Frame will not accommodate a Miller-Trojan Vacuum Back, which is a separate assembly in itself. However, vacuum back and any backs mentioned above can be interchanged easily and same focusing scales can be used for each. A Focusing Glass is supplied with each of the Adapter Backs.

**INSTRUMENT PANEL.** Master Switch, Voltmeter, 3-tap Exposing Light Switch, Automatic Reset Timer, Vacuum Pump Receptacle, Vacuum Pump Switch.

**EXPOSING LIGHTS.** Transformer-operated exposing lights provide high intensity, Kelvin rich light source. Common household type incandescent bulbs are operated at four different intensities ranging from 110 to 170 volts. Pairs of lamps are mounted in specially designed reflectors.

**CAMERA OPERATES ON 110 VOLTS, 60 CYCLES.**

### MODEL 1114

**LENS.** 10¼" Wollensak Raptar permitting 3x reduction and 2x enlargement.

**DIMENSIONS.** Length: 73-3/4". Base width: 24½". Reflectors in normal expose position are 45° apart. Distance from floor to center of lens with camera positioned on cabinet base is 44". Distance from floor to copy board glass in loading position, with camera positioned on cabinet base, is 44". Maximum copy size: 18½" x 22½". Maximum negative size: 11" x 14".

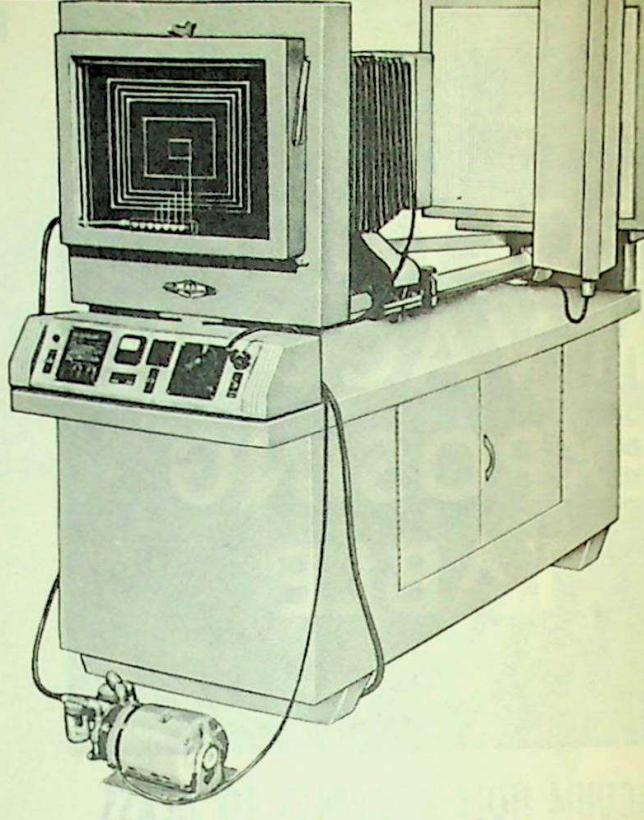
**STANDARD PRICE.** Sharpshooter Model 1114 Camera. (Standard price includes: Basic Camera Assembly; Wollensak Lens; Lens Diaphragm Control; Solenoid Shutter; Adapter Frame; fully equipped Instrument Panel; transformer-operated Exposing Lights and complete electrical system, ready to plug into standard 110 volt outlet) .. \$895.50

Crating Charges .. \$59.15

### MODEL 1114

at time of  
purchase of  
new camera

	ordered separately	
Goerz Red Dot Actar lens. (add to standard price)....	\$100.00	\$ ---
List Price 10¼" Goerz Red Dot Artar when ordered separately.....	---	\$220.00
Camera Tape for above.....	---	75.00
Cabinet Base for Model 1114 Sharpshooter Camera... 119.60	119.60	
Crating charges for above base add..... 19.40	19.40	
5" x 5", 5" x 7", 8" x 10" and 11" x 14" Cut Film Adapter Backs (includes focusing glass but no cut film holder), each..... 81.50	96.75	
Ektalith Adapter Back (includes back and focusing glass but no Ektalith holder)..... 40.70	105.70	
Vacuum Back, complete with pump and motor..... 191.50	256.75	
Transparency Copy Board..... 91.50	91.50	
Filter Holder (mounts on lens barrel, for 3" square Wratten filters)..... 15.00	15.00	
Darkroom Flange..... 25.00	---	
Transparency Back Light Assembly (500 Watt Quartz Tube)..... 150.00	---	
Four 500-watt G. E. Iodine Cycle Quartzline incandescent exposing lights, mounted two on each side in specially-designed reflectors, transformer operated to operate at three different light intensities.... 253.60	332.50	
Precision ball bearing hinge on vacuum back for critical registration techniques such as camera back masking.....	NOW STANDARD	
Overhead flash lamp (Assembly includes wiring to timer, vertical support tube, case aluminum mount with socket; does not include flash lamp, bulb or filter. Kodak Darkroom Lamp with Series 00 Filter is recommended.)..... 25.00	---	



### MODEL 1418

**LENS.** 8¼" Wollensak Raptar permitting 5x reduction and 2x enlargement.

**DIMENSIONS.** Length: 79". Base width: 24½". Reflectors in normal expose position are 50° apart. Distance from floor to center of lens with camera positioned on cabinet base is 49½". Distance from floor to copy board glass in loading position, with camera positioned on cabinet base is 49½". Maximum copy size: 22" x 25". Maximum negative size: 14" x 18".

**STANDARD PRICE.** Sharpshooter 1418 Camera. (Standard price includes: Basic Camera Assembly; Wollensak Lens; Lens Diaphragm Control; Solenoid Shutter; Adapter Frame; fully equipped Instrument Panel; transformer-operated Exposing Lights and complete electrical system, ready to plug into standard 110 volt outlet.) ..... \$985.00

**OPTIONAL EQUIPMENT** Crating \$59.15

### MODEL 1418

	ordered separately		at time of purchase of new camera	ordered separately
List Price 8¼" Goerz Wide Field Dagor, (when ordered separately).....	---	\$199.50	75.00	
Camera tape for above.....	---		119.60	119.60
Cabinet Base.....	\$119.60		19.40	19.40
Crating charges for cabinet base, add.....	14" x 5", 5" x 7", 8" x 10", 11" x 14" Cut Film Holder Adapter Backs (including focusing glass but no cut film holder) - each.....	81.50	96.75	
14" x 18" Cut Film Stayflat Back. (Includes focusing glass and film holder).....	50.70	105.70		
Ektalith Adapter Back. (Includes back and focusing glass but no Ektalith holder).....	40.70	105.70		
Vacuum Back, complete with pump and motor ..	215.70	256.75		
Transparency Copy Board.....	91.50	91.50		
Filter Holder (mounts on lens barrel, for 3" square Wratten filters).....	15.00	15.00		
Goerz Wide Field Dagor Lens (Add to standard price).....	56.00	---		
Darkroom Flange.....	25.00	---		
Transparency Back Light Assembly (500 Watt Quartz Tube).....	150.00	---		
500-watt G. E. Iodine Cycle Quartzline incandescent exposing lights, mounted two on each side in specially-designed reflectors, transformer operated to operate at three different light intensities.....	253.60	332.50		
Ball bearing hinge on vacuum back for critical registration techniques such as camera back masking.....	NOW STANDARD			
Overhead Flash Lamp. (Assembly includes wiring to timer, vertical support tube, case aluminum mount with socket; does not include flash lamp, bulb or filter. Kodak Darkroom Lamp with Series 00 filter is recommended.).....	25.00	---		



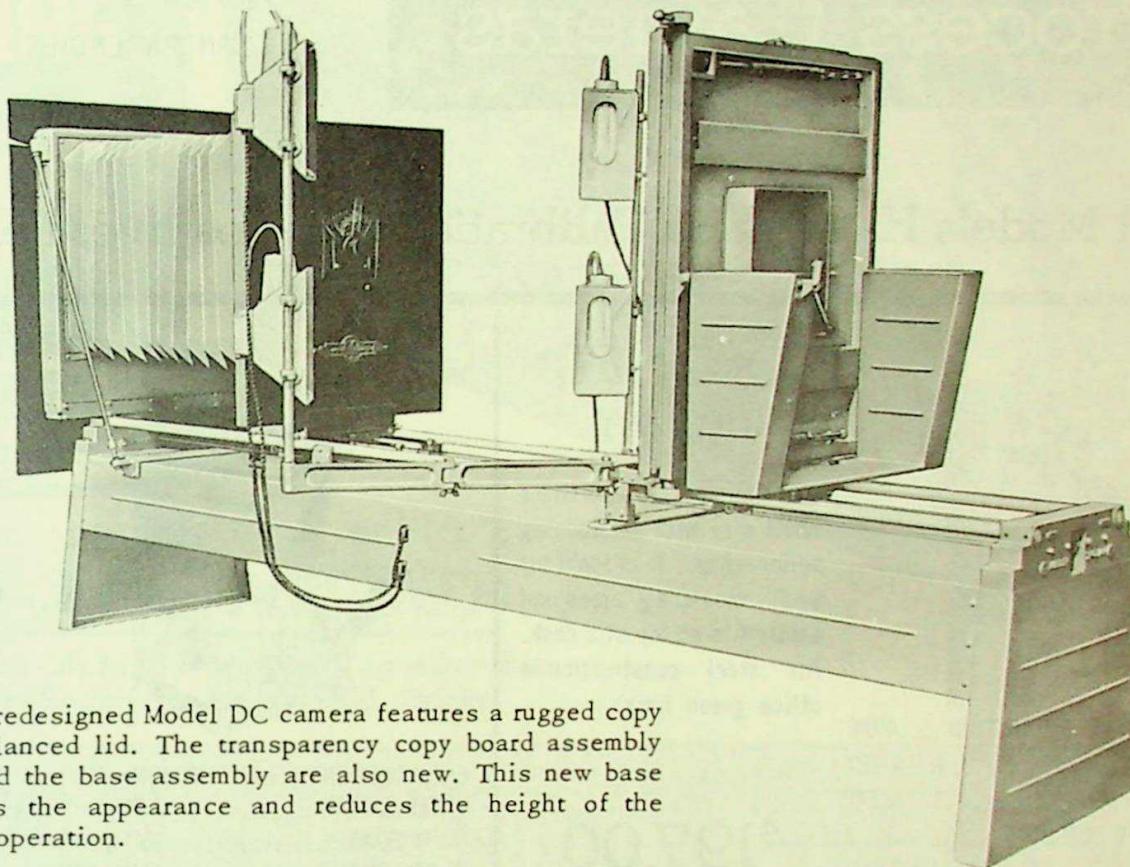
**ADVANCE PROCESS SUPPLY CO., INC.**

CHICAGO 12, ILLINOIS U.S.A.

# MILLER TROJAN Cameras

## Model DC

A COMPLETE AND ACCURATE DARK-  
ROOM CAMERA OF DISTINCTION PRICED  
LOWER THAN ALL COMPETITION.



The new, completely redesigned Model DC camera features a rugged copy board with counterbalanced lid. The transparency copy board assembly with register pins and the base assembly are also new. This new base assembly streamlines the appearance and reduces the height of the camera 6" for easier operation.

A chain drive is now being used for focusing replacing the chain and cable drive. The tilted instrument panel provides more convenient operation of the Model DC Camera. Other outstanding features include: cam action lock and new type hinges; more rugged exposing light arms for greater strength and more flexibility in positioning camera lights; red Plexiglas vacuum back, vacuum back mounted on a ball bearing hinge; and new vacuum back lock and an air cylinder support arm for the back.

### LENSES

Gberz and Wollensak lenses, in all sizes and focal lengths for process and commercial work, can be supplied. Price information upon request.

MODEL	FOR NEGATIVES UP TO	WEIGHT CRATED	PRICE	CRATING CHARGE
DC-1620	16" x 20"	990 lbs.	1978.65	104.90
DC-2424	24" square	1350 lbs.	2497.25	141.95

## Vibration Absorbing Mount

Entire camera is mounted on springs. This absorbs all vibration your building might be subject to. A necessary feature where vibration is noticeable.

Price, complete.....\$117.80

## Movable Lense Board

This is controlled from rear of camera and allows operator to move lens up or down and to left or right. A very necessary feature, since it saves the operator much time in lining up copy.

Price, complete.....\$177.00

## Light Integrator

Controls your exposure electronically. Will pay for itself in film savings alone and too, there is a great saving in operators time. This instrument measures the total lumens of illumination falling on copyboard or printing frame. It shuts off lights on printing frame or closes shutter on camera when a proper amount of light has fallen. No more timing in seconds and minutes where many features, such as voltage, condition of arcs, lights, etc., cause tremendous variation in exposure.

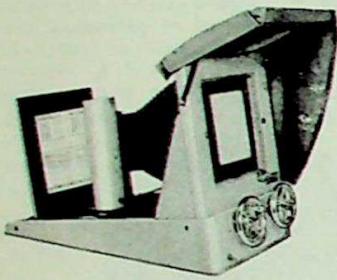
Light Integrator, on camera.....\$184.00

*Lacey-Luci*  
**VISUALIZERS**  
 Process Cameras

**ENLARGE OR REDUCE**

- ♦ ART
- ♦ COPY
- ♦ PHOTOS
- ♦ 3-DIMENSIONALS
- ♦ TRANSPARENCIES
- ♦ ENGINEERING DRAWINGS

All Models Have Tape Calibration For Positive, Perfect Focus!

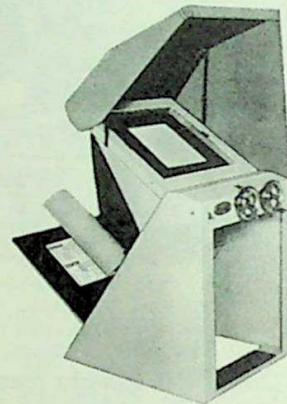


**CORONET**  
 Visualizer

The "Coronet" combines small size with outstanding performance. It is ideal for small working areas and easily fits on top of a desk. All steel construction in office green finish.

\$197.00

ENLARGEMENT OR REDUCTION ... 400%  
 VIEWING AREA ..... 10" x 12"  
 COPY BOARD ..... 12" x 14"  
 SPACE NEEDED FOR UNIT .....  
     28-3/4" x 14½" area  
 LENS ..... 3" Wollensak, 4 element color  
     corrected



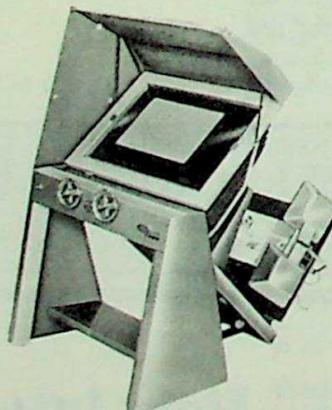
**CROMWELL**  
 ANGLE  
 Visualizer

ENLARGEMENT OR REDUCTION .. 400%  
 VIEWING AREA ..... 14" x 16"  
 COPY BOARD ..... 20" x 20"  
 FLOOR SPACE ..... 21" x 37"  
 LENS ..... 4" Wollensak  
     4 element color corrected

\$299.00

**CROWN**  
 Visualizer

This unit projects copy on small objects and also projects through tracing tissue or 2 ply bristol board. It may be operated in horizontal position for viewing large objects. Transparencies may be enlarged or reduced with this model. All steel construction in office green finish..



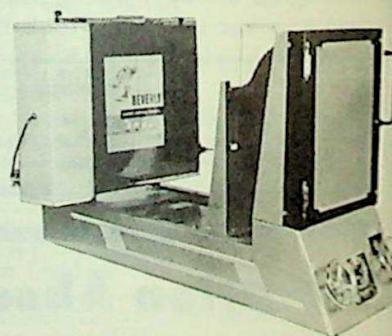
\$485.00

ENLARGEMENT OR REDUCTION.... 400%  
 VIEWING AREA ..... 18" x 24"  
 TILTING COPY BOARD ..... 24" x 24"  
 FLOOR AREA ..... 29" x 50"  
 LENS ..... 6-3/8" Wollensak 4 element  
     color corrected

**SPEED-**  
**MASTER**  
 Camera

High accuracy and exceptional ease of operation are provided by this outstanding unit. It features a horizontal bed, adjustable lights, and is adaptable for Gevaert or Ektalight process. Occupies a minimum amount of space.

\$595.00



ENLARGEMENT OR REDUCTION .....  
     2 times  
 TILTING COPY BOARD ..... 20" x 20"  
 FILM HOLDER ..... 11" x 14"  
 LENS ..... 8½" Wollensak process

ALL PRICES F.O.B. NEWARK, NEW JERSEY

**ADVANCE** PROCESS SUPPLY CO., INC.  
 CHICAGO 12, ILLINOIS U.S.A.



# PHOTO PROCESSING SINKS

## 316 STAINLESS

Proven Completely Resistant  
to ALL Photographic Chemicals.



### HELI-ARC WELDED

Corners Are Actually Melted Together For  
Invisible Seamless, Leakproof Joints

Inside Size WxLxD	SINK WITH STAND		SINK PAN ONLY		WOOD DUCKBOARD*
	*Style #1-S	*Style #2-S	*Style #1-P	*Style #2-P	
22x36x5	\$142.00	\$164.50	\$106.00	\$129.00	\$15.66
22x48x5	\$160.00	\$189.00	\$124.00	\$153.00	\$20.88
22x60x5	\$178.00	\$214.00	\$142.00	\$176.00	\$27.00
22x72x5	\$189.50	\$229.00	\$151.00	\$189.50	\$31.95
22x84x5	\$208.00	\$253.00	\$169.00	\$214.00	\$36.45
22x96x5	\$235.00	\$294.00	\$187.00	\$246.00	\$43.20
22x108x5	\$259.00	\$331.00	\$204.50	\$277.00	\$48.15
22x120x5	\$286.00	\$371.00	\$232.00	\$316.00	\$52.20
29x36x6	\$171.00	\$197.50	\$124.00	\$149.00	\$20.70
29x48x6	\$185.00	\$216.00	\$136.00	\$169.00	\$27.00
29x60x6	\$215.50	\$254.00	\$169.00	\$204.50	\$34.02
29x72x6	\$242.50	\$288.00	\$192.00	\$234.50	\$41.04
29x84x6	\$266.00	\$318.00	\$216.00	\$266.00	\$46.80
29x96x6	\$297.00	\$356.00	\$234.00	\$293.00	\$54.00
29x108x6	\$324.50	\$392.00	\$254.50	\$327.00	\$59.40
29x120x6	\$354.00	\$426.00	\$279.50	\$371.50	\$64.80
35x36x6	\$187.00	\$214.00	\$144.00	\$171.00	\$26.10
35x48x6	\$214.00	\$244.00	\$167.00	\$198.00	\$33.75
35x60x6	\$247.50	\$284.00	\$203.00	\$241.00	\$42.66
35x72x6	\$297.00	\$322.00	\$232.00	\$277.00	\$44.82
35x84x6	\$309.00	\$359.00	\$262.00	\$309.00	\$52.20
35x96x6	\$333.00	\$389.00	\$269.50	\$331.00	\$57.60
35x108x6	\$351.00	\$419.00	\$288.00	\$356.00	\$66.60
35x120x6	\$378.00	\$449.50	\$311.00	\$396.00	\$74.70

\*STAINLESS STEEL — 1/3 MORE

\* STYLE #1 — NO BACKSPLASH

\* STYLE #2 — WITH BACKSPLASH

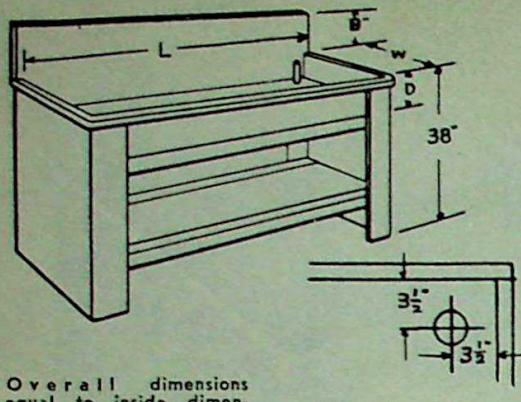
CRATING ON ABOVE SINKS — NET \$10.00

STAINLESS STEEL STANDPIPE .OVERFLOW 4" WATER LEVEL ..... \$4.95

POWERS FOTOGUARD ..... \$157.00

ALL PRICES — F.O.B. CHICAGO

ALL SPECIAL SIZES OR TYPES MADE — SEND SKETCH FOR QUOTE



Overall dimensions equal to inside dimensions plus 2".

Standard position for sink drain is right rear corner . . . however, we can locate drain in any position without extra charge.

### SINK BODY

**SINK BODY** shall be Type 316 stainless steel (class 5, QQ-S-7661) with No. 4 finish and shall be one-piece construction; for type B sinks the splashwall shall be continuous, integral, one-piece with sink body, not separately attached or welded. Welded joints in sink body to be done with HELI-ARC method and passivated after welding. Box rim 1" x 1" around top of sink (and splashwall) to be integral with body and front corner of rim to be rounded with 1" radius.

**SINK BODY** complete with 1 1/2" I.P.S. STAINLESS STEEL drain installed. Bottom, sides and back of sink body (and splashwall) shall be scientifically coated on outside with sound-deadening and anti-condensation material; coating to be done by spraying to insure permanent bonding to the metal.

**SINK BODY** shall be laterally braced under bottom to prevent bulging even when loaded to capacity.

### SINK BASE

**SINK BASE** shall be of electro-zinc plated steel and coated with 3 coats of acid resisting paint; 1 coat of primer and 2 coats of enamel, final coat to be sky-blue color, textured wear and scratch resistant. **SINK BODY** to be easily removable from base and base to be bolted for quick disassembly to allow passage of unit thru 20" doorways.

**SINK BASE** to have provision for easy installation of storage shelf and to be with swivel, ball-jointed, adjustable levelling screw on each leg.

## SINK ACCESSORIES

### DUCK BOARDS

Ensures thorough cooling job by supporting trays and allowing water to run underneath. Trays are kept 1 1/2" above sink bottom. For WOOD duck boards add RW to catalog number of sink; for 316 STAINLESS STEEL duck boards add RS to catalog no. of sink.

### REMOVABLE STAINLESS STEEL STANDPIPE

Removable . . . maintains level of water. Doughnut seal ring guarantees positive sealing in drain.

### STORAGE SHELVES

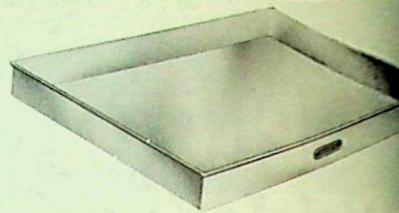
ELECTRO ZINC PLATED shelf is economical buy . . . painted to match finish of base. To order add SM to catalog no. of sink. 316 STAINLESS STEEL shelf is easy to clean — matches sink. To order add SS to catalog no. of sink.

Write for prices

## TRAYS

### TYPE 316 STAINLESS STEEL - 3" DEEP

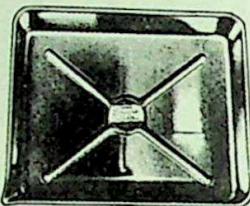
- Crackproof, chip-proof, and rust-proof.
- Easily cleaned.
- Heli-Arc welded



Never any problem of warping or breaking, they're gleaming, easy to clean, stainless steel with a non-porous surface. built to last a lifetime.

No.	Capacity	Inside Dimensions	Price
1-3	2 1/2 Gallons	12 x 15 x 3 inches deep	\$18.00
2-3	4 Gallons	15 x 18 x 3 inches deep	\$26.00
4-3	5 Gallons	17 x 21 x 3 inches deep	\$28.00
6-3	7 Gallons	21 x 25 x 3 inches deep	\$34.00
7-3	9 Gallons	23 x 29 x 3 inches deep	\$46.00
8-3	17 Gallons	31 x 41 x 3 inches deep	\$75.00

### LOW-PRICED TRAYS



Seamless, Stainless Steel . . . Chip-Proof and Easily Cleaned.

M-30 . . . 6" x 8" . . . \$1.50  
M-31 . . . 9" x 11" . . . \$1.75

### POWERS FOTOGUARD

#### THERMOSTATIC WATER MIXER

POWERS  
FOTOGUARD  
\$157.00

- Maintains water delivery temperature to within 1/2° F.
- Ensures perfect, trouble-free black and white and color processing.

#### CAPACITIES

10 lbs. 2 G.P.M.	25 lbs. 3 G.P.M.	45 lbs. 4 G.P.M.	60 lbs. 5 G.P.M.
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### ONE-PIECE CONSTRUCTION

#### ROUNDED CORNERS

Absolute safety . . . won't hook or catch on anything.

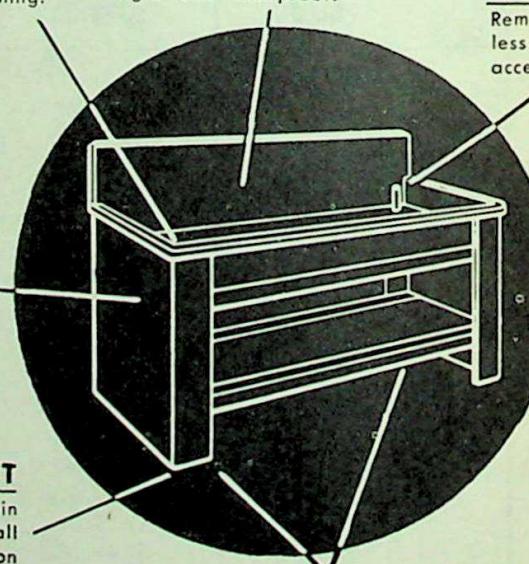
Splashwall (on Type B sinks) is integral part of sink body — not attached. Completely rigid and leakproof.

#### 1 1/2" I.P.S. STAINLESS STEEL DRAIN

Removable standpipe is stainless steel . . . available accessory.

#### NON-SWEAT COATING

Double-purpose sprayed-on coating deadens sound and prevents condensation. Bottom, sides and back are coated on outside . . .



#### ADJUSTABLE FEET

AMERICAN sinks drain completely . . . swivel ball jointed leveling screw on each leg guarantees perfect leveling on any floor!

#### "PAINTLOK" BASE

Stand is electro zinc plated with beautiful textured finish — dirt, chemical, and scuff-resistant.

STYLE #1  
Without back splash

STYLE #2  
With back splash

**ADVANCE PROCESS SUPPLY CO., INC.**

CHICAGO 12, ILLINOIS U.S.A.

# MATERIAL HANDLING EQUIPMENT

MOVE HEAVY MACHINERY AND CASTINGS  
LIFT SKID LOADS AND SHOP EQUIPMENT  
HANDLE MOLDS AND DIES ....

- o Handles full 750 pound load safely anywhere on the platform
- o Finest safety features, including cable safety device, sheave guard, extra cable, floor lock
- o Positive operation....With full control hoist unit, raise or lower load to fractional positioning
- o Rugged and dependable....built for years of continuous service with little or no maintenance

## ACCESSORIES

Safety Features Set .....	\$45.00
(Req in California & New Jersey)	
Platform Roller Frame .....	\$22.00
24" x 24"	
Rubber Wheels 4" diameter .....	\$12.50
Molded Plastic Wheels .....	\$20.00
4" diameter	

## DRUM TRUCK

for 30 gallon and  
55 gallon drums

MODEL K30-S  
1000 lbs. capacity  
.. \$67.00



- o New loading toe design with exclusive beveled edge and rocker base gets the drum on the truck quickly
- o New cast-steel chime hook has extra strength. Built-in spring action keeps hook at any desired height

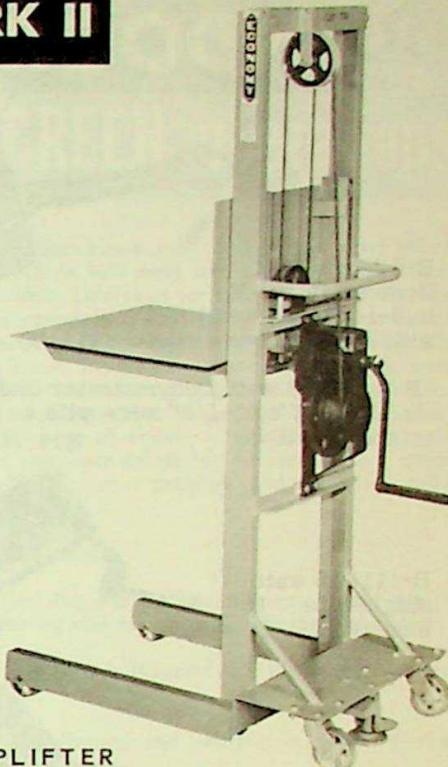
## SPECIFICATIONS

Capacity:	1000 pounds
Overall Height:	61"
Width at Wheels:	21"
Wheels:	10" diameter, ball bearings. Neoprene tread.
Axle:	1" diameter steel.
Hardware:	All bolts and connectors are cadmium plated for rust resistance.
Painted:	Safety orange enamel finish with yellow trim.
Shipping Weight:	60 pounds

## SHOPLIFTER MARK II

### SPECIFICATIONS

Capacity ..... 750 pounds  
Platform Lift . . . 54" (from 4½" minimum)  
Overall Height . . . (to clear) 72"  
Platform Plate . . . 24" x 24" steel plate  
with 16" backguard  
Baseframe . . . 24" wide x 36" long  
Base Wheels . . . 4" diameter semi-steel,  
2 fixed and 2 swivel casters  
Hoist Unit . . . Self-locking winch has  
friction disclutch for automatically  
holding load securely at any re-  
quired level. Full rated capacity  
raised with only 20-25 lb. crank  
handle pressure  
Safety Features Cable safety device  
Set . . . . . with twin hardened steel  
dogs for balanced load security, top  
sheave cable guard, 1½ extra cable  
wraps on hoist drum (to comply  
with all state regulations).  
Floor Lock . . . Foot-operated for hold-  
ing lifter secure while loading or  
unloading.  
Painted . . . . Safety orange finish  
with blue trim.  
Shipping weight . 240 pounds



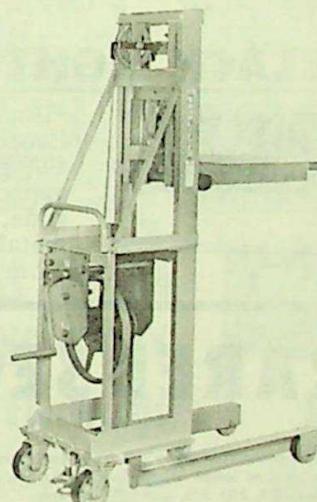
TYPE D MARK II 750 NO. CAPACITY SHOPLIFTER  
(complete safety features included).....\$195.00

## SHOPLIFTER HEAVY DUTY TYPE DX

K 2M.. Capacity : 2000 lbs....\$470.00

### SPECIFICATIONS

Capacity ..... 2000 pounds  
Platform Lift . . . 54" (from 6" above floor level.)  
Overall Height . . . (to clear) 80"  
Platform Plate . . . 24" wide by 27½" long (30" out  
from uprights)  
Baseframe . . . 24" wide x 50½" long  
Basewheels . . . 5" diameter fixed iron wheels; 6"  
diameter swivel casters  
Floor Lock . . . Foot-operated for holding Lifter se-  
cure while loading or unloading  
Hoist Unit . . . . Crank-up and crank-down action,  
automatic safety brake. Ball bearing  
equipped, spur gear unit. Drum  
machined scored for 1/2" diameter  
hoist cable.  
Painted . . . . Safety orange with blue trim.  
Shipping Weight. 625 pounds



## RED ROCKER BARREL STANDS

For draining and storing 55 gallon drums



ROCK IT UP! Just slip the stand under the drum.... rock the drum up....and it's ready to drain! Three simple motions make this the fast, easy way to store and drain drums. There's no dangerous slipping and very little effort involved. There's no chance of the drum tilting backwards while being used.

- Model 18WO  
All welded, 18" drain height, without wheels... \$12.00
- Model 18WW  
All welded, 18" drain height, with 4 wheels.... \$16.00



**ADVANCE PROCESS SUPPLY CO., INC.**

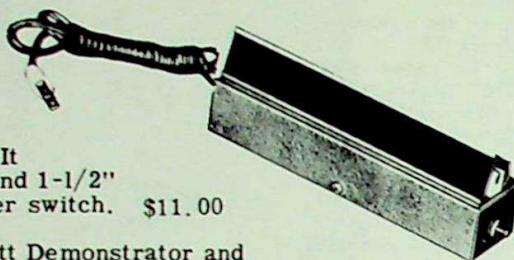
CHICAGO 12, ILLINOIS U.S.A.



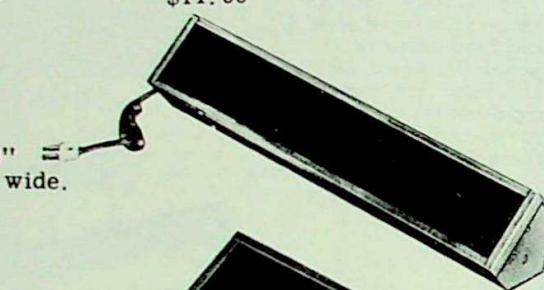
403330 92

# INDOOR BLACK LIGHT FIXTURES

Underwriters Laboratories Inc.  
INSPECTED  
ELECTRIC FIXTURE  
ISSUE A-64878

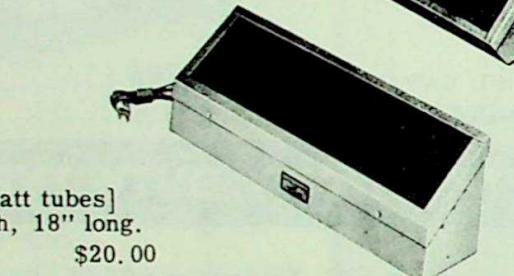


B-6 is a 6 watt Demonstrator. It is 9-1/2" long and 1-1/2" wide with starter switch. \$11.00



B-111 15 watt single tube. 18" long and 3-1/2" wide.

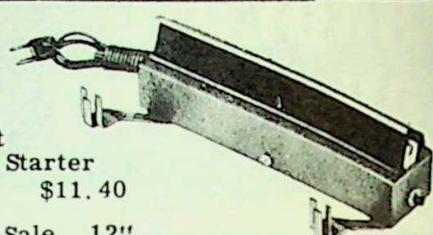
\$12.20



B-121 30 watt indoor [2 15 watt tubes] 5" wide, 5" high, 18" long.

\$20.00

B-106 6 watt Point of Sale. 9" long and 1-1/2" wide. Has short arms for holding card. Starter switch. \$11.40



B-108 8 watt Point of Sale. 12" long and 1-1/2" wide. Same features as # B-106. \$11.40

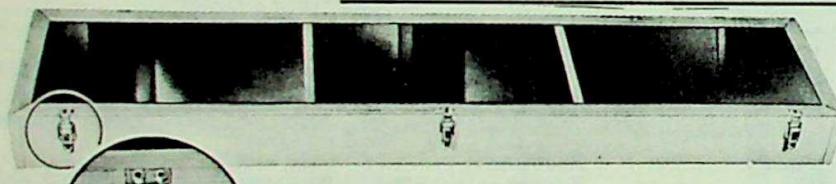
B-211 30 watt single tube. 36" long, 6" high and 4" wide. \$20.00

B-311 40 watt single tube. 48" long, 6" high and 4" wide. \$21.75

B-221 60 watt [2 30 watt tubes] 36" long, 6" high and 4" wide. \$32.60

B-321 80 watt. [2 40 watt tubes] 48" long, 7" high and 5" wide. \$33.80

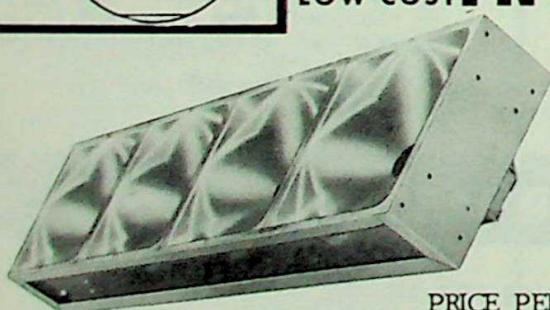
## OUTDOOR BLACK LIGHT FIXTURES



EFFICIENT  
LOW COST

## INFRARED SECTIONS

RADIANT ENERGY—  
Ready to go to  
work in your plant



PRICE PER WIRED SECTION....\$54.00 each

1 SET OF 2 BAFFLES FOR ABOVE \$24.00

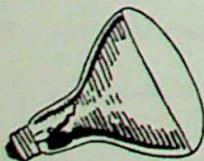
Infrared Sources utilize all commercially available infrared lamps of the clear G-30 type, including 125, 250, 375, and 500-watt sizes.

Pre-engineered by Fostoria  
Completely Packaged  
Ready to Assemble and Connect

48-000 Sections accommodate four G-30 clear infrared lamps on 11" centers. This design, incorporating clear lamps backed by Fostoria patented gold-plated, wide angle reflectors, provides very even distribution of heat without hot-spotting. Particularly recommended for paint-baking and for other applications where temperature uniformity is essential. Dimensions: 44" long x 11" wide x 5 1/8" deep. 48-000 Sections are of two-wall construction with gold-plated reflectors for maximum efficiency; additional insulation to retain heat is unnecessary. Supplied with four heavy duty medium screw base sockets and completely wired for 120V, 240V, or 440V (specify voltage when ordering); wiring terminates in adequate pigtail leads for electrical hookup.

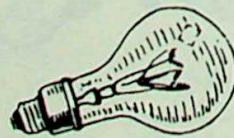
PRICES OF COMPLETE OVENS UPON REQUEST

Type R-40 REFLECTOR INFRARED LAMPS have mechanically attached bases. Their reflector bulbs provide smooth distribution and high utilization of radiant energy.



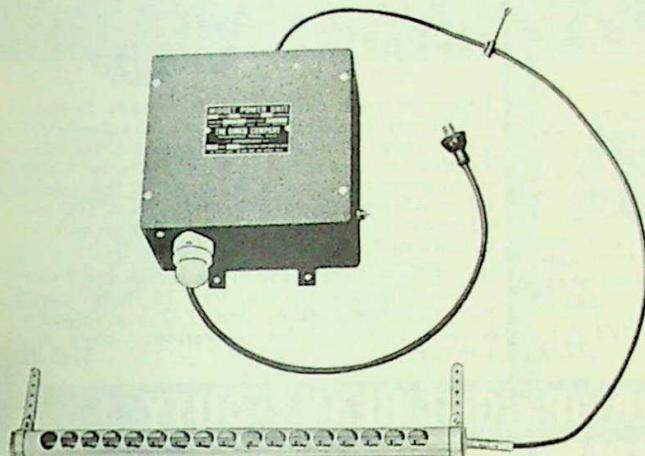
R-40 125 watt	\$1.45
R-40 250 watt	1.50
R-40 375 watt	1.65

Type G-30 CLEAR INFRARED LAMPS have clear bulbs and mechanically attached bases. They are designed with a 5" light center length to meet the requirements of open-reflector ovens.



G-30 125 watt	\$ .95
G-30 250 watt	1.00
G-30 375 watt	1.50
G-30 500 watt	1.50

# NEW SIMCO SHOCKLESS STATIC ELIMINATORS for the control of Static electricity in all SILK SCREEN operations



Silmco 1" diameter Type ME Shockless Static Bars (Overall length 3" greater than effective length. Specify exact effective length required.)

Effective Length	Price
1" to 5"	\$ 25.00
6" to 10"	34.00
11" to 15"	43.00
16" to 20"	50.00
21" to 25"	56.00
26" to 30"	63.00
31" to 35"	71.00
36" to 45"	84.00
46" to 60"	101.00
61" to 75"	118.00
76" to 90"	136.00
Longer bars	On request



## PRESS BUTTON AND SPRAY To Stop Static Electricity

Simply spray STATIKIL onto press tympan. For longer lasting results apply also to packing under the drawsheet. Preserves packing without swelling.

Can also be used any place where static develops such as feed-board, fly sticks, delivery mechanisms, etc.

Effective on folding machine rollers, ruling machines, etc., and is an excellent anti-static driving-belt dressing.

Use STATIKIL as liberally as you like but small amounts are usually effective.

STATIKIL\* is harmless to hands, material and machinery. In its modern new self-spraying container it is easy to apply to either stationary or moving surfaces. Simply push button and spray.

\$3.00 PER CAN - \$30.00 DOZEN

No. C42 STATIC ELIMINATOR GARLANDS - 2-12 Yd. Pcs.  
\$4.95 Per Box

The new 1" diameter Type ME Shockless static bar is the most efficient neutralizer available, yet no shock is felt even when the points of the bar are touched. The Midget Power Unit, furnished for operation from any specified voltage or frequency, can be connected to a lighting circuit or across the machine motor. System is rugged, easy to install, has no radiation or health hazards. Sold on 30 day trial, f.o.b. Lansdale. If not suitable, equipment may be returned upon payment of 10% restocking charge and return freight.

Sample uses: Mount static bar on squeegee to pass 1" above screen for preventing ink spatter and the sticking of sheets to screen. Mount a static bar 1" above or below sheets of conveyor deliveries to permit easy stacking and prevent dust attraction. Specify your problem and machine; full installation instructions will be supplied.

Also available (information on request):

Anti-Static Cleaning Devices - Ionizing Air Guns and Nozzles, and Air Type Static Bars for simultaneous cleaning and neutralizing sheets and parts.

Anti-Static Sheet Separators - Ionizing Air Nozzles for separating sheets of a feed pile.

Electrostatic Locator - Meter for finding and measuring static charges.

### SIMCO MIDGET POWER UNITS

(Operate up to a total of 280" of static bars.  
Underwriters' and Factory Mutual approved.)

Voltage & Frequency	Model	Price
110 volts 60 cycles	SR167C4	\$81.00
220 volts 60 cycles	SR267C4	\$81.00
OTHER		ON REQUEST

### NON-RUST NEUTRO-STAT

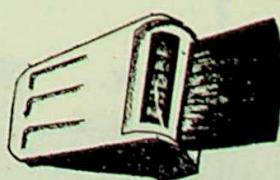


The clearest, fastest drying, safest anti-static spray for use on all machinery. Guaranteed not to rust metal parts.

Neutro-Stat anti-static sprays are non-greasy, non-toxic, non-flammable, and dry almost instantaneously. They are guaranteed to overcome the harmful effects of static without leaving oil, grease, or messy deposits. Neutro-Stat prevents attraction of dust, electrostatic shocks, and clinging of various materials.

16 oz. aerosol can, \$2.75 - Carton of 12 cans, \$27.50. (Specify STANDARD or NON-RUST.) Liquid concentrate (in plastic bottles), \$6.25 a pint, \$10.00 a qt., \$30.00 a gal., \$150 for 5 gals.

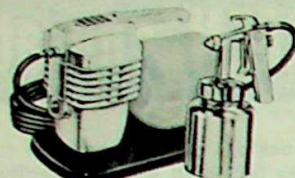
### POLONIUM STATIC - ELIMINATING BRUSH



FOR NEGATIVES, LENSES, SLIDES  
BINDING GLASS removes dust, eliminates static that attracts dust. Polonium strip emits static-discharging rays. Brush portion pure camel's hair, safe for coated lenses, negatives, etc. 3" wide surface.  
PROFESSIONAL POLONIUM STATIC BRUSH \$9.98

**ADVANCE PROCESS SUPPLY CO., INC.**  
CHICAGO 12, ILLINOIS U.S.A.

## No. 680 DIRECT DRIVE OUTFIT

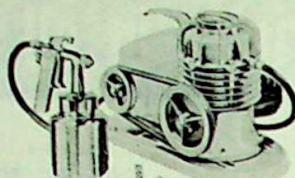


Develops 25 lbs. working pressure. Over-size diaphragm assures clean, oil-free air. Light, compact, easy to carry. Never needs lubrication because the ball bearing and the two oilite bearings are sealed at the factory.

No. 680 - Outfit, complete as shown with No. 212 Gun, No. 910 - 10 ft. Hose, Tire Chuck. Without motor. Shpg. Wt. 16 lbs. \$29.50

No. 680-M - Outfit, same as above but with  $\frac{1}{4}$  H.P. electric motor, mounted Shpg. Wt. 30 lbs. \$59.50

## NEW! No. 990 SPRAY OUTFIT

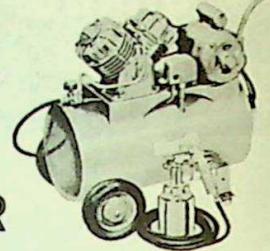


Delivers 2 cu.ft. of clean, oil-free air per minute at 30-40 lbs. pressure. Uses famous, long-life diaphragm instead of oily pistons. Automatic safety valve set at 45 lbs. Sprays all materials, handles toughest jobs. Works with any gun (except No. 135). Operated by any 1/4 or 1/3 H.P. 1750 R.P.M. motor.

No. 890 - Speedy Sprayer Outfit with No. 112 Gun, No. 915-15 ft. air hose, "V" belt, pulleys and tire chuck. Without motor. Shpg. wt. 21 lbs. \$42.50

No. 890-M - Same as above with 1/3 H.P. motor mounted. Shpg. wt. 39 lbs. \$72.50

## No. 450 1/2 H.P. TWIN TANK SPRAYER



Equipped with Master Twin Speedy Sprayer, delivering 4 cubic feet of air, displaces 6.7 CFM, large enough for most every purpose. Automatic pressure switch starts motor when pressure in tank drops to 30 lbs., shuts off at 45 lbs. Comes with 1/2 h.p. 110 volt 60 cycle A.C. capacitor type motor with 10 ft. cord and plug, pressure gauge.

No. 450 - Outfit complete as shown, with tire inflator chuck, No. 915 15 ft. air hose, No. 131 Spray Gun, and 1/2 h.p. electric motor assembled for operation. Shpg. wt. 109 lbs. \$185.00

## 1 HP INDUSTRIAL COMPRESSOR

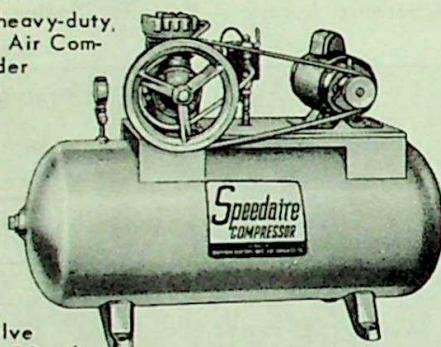
9.65 CFM Displacement, 45 to 150 PSI.  
Rating: ASME—National Board, Para.—U-69

You save money on this heavy-duty, general-purpose Speedaire Air Compressor unit. Twin cylinder compressor with  $2\frac{1}{2}$ " bore and 2" stroke. Uni-cast cylinder heads. Sure-seal crank case. Stainless steel valves with brass retainers. Extra large bearings. 10 $\frac{1}{4}$ " flywheel. Automatic "bleeder" pressure switch with hand unloader for gas engines. Safety valve and air gauge. Mounted on 30 gal. 16" x 38" tank. Rating: ASME, National Board, para.—U-69. Pressure switch set to turn on at 75 PSI and off at 100 PSI.

COMPLETE WITH 1 H.P. SINGLE PHASE 110V-220VOLT OR 3 PHASE 220V.-440 VOLT MOTOR. Specify style voltage desired.

PRICE COMPLETE ONLY **\$274.95**

## COMPLETE



## 5 HP UPRIGHT HEAVY-DUTY

## COMPLETE

Two-Stage, 20 CFM Air Compressors—80 Gal. A.S.M.E. Vertical "Space-Saver" Tank—

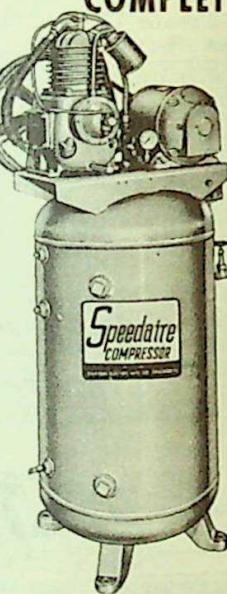
Built for dependable, economical heavy-duty service—yet priced below today's 5 H.P. compressor market. Requires only 6 sq. ft. of floor space. Compressor unit mounted on 80 gal. A.S.M.E. vertical tank. Compressor is two-stage (2-cyl.), type, action-built of finest "stamina" materials. 4-5/8" - 2 $\frac{1}{2}$ " bores and 3" stroke domed pistons. Drop forged steel connecting rods. Finned copper tube intercooler. Centrifugal un-loader. All other compressor details also designed for efficiency and long life. Comes with pressure switch set to turn off at 200 PSI. 28 PSI differential. Safety valve, air gauge and multiple drive also included.

COMPLETE UNIT INCLUDING 5 H.P.

3 PHASE HEAVY DUTY MOTOR

ONLY

**\$678.95**



## DUPOR No.4 RESPIRATOR



Dupor No. 4 Respirator provides protection only from flock and fumes. The soft rubber face mask gives an airtight fit. No. 4 uses sanitary face cloth to protect against dermatitis or chafing. Cloths are inexpensive and can be changed in a few seconds time. Double filters assure easy breathing and may be cleaned many times before replacing. Built to withstand hard, rough usage. All are equipped with patented exhalation valves to guard against re-breathing stale air.

Dupor No. 4 Respirator complete . . . . . \$3.25 each

Extra No. 4 Filter Pads . . . . . \$1.50 doz.

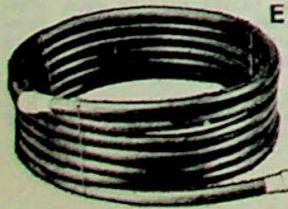
## UTILITY PRESSURE TANK No. 798-RG



Straight sides and smooth, round bottom for easier cleaning. Holds 2 $\frac{1}{2}$  gallons. One filling lasts several hours. Increases efficiency and working area. Tank is one-piece, seamless, drawn heavy gauge steel. Top is durable cast iron with brass relief valves. Large 8 $\frac{1}{2}$ " opening, straight sides and smooth rounded bottom make clean-up easy and quick. Heavily coated to resist corrosion from any material. Cover readily removed and attached with new type nuts and drop type eye bolts. Easily portable. Can be carried or hung on ladder. May be used with Nos. 112 and 131 Gun.

No. 798-RG - 2 $\frac{1}{2}$  gallon Utility Paint Tank with Pressure Regulator and Gauge. 10-ft. lengths of paint and air hose. Shpg. wt. 21 lbs.

PRICE ONLY \$35.95  
With Regulator & Gauge



EXTRA LENGTH  
AIR HOSE  
1/4" I.D. x 1/2"  
O.D. x 15 ft.

**\$4.50** Each

## KWIK- CHANGE COUPLER



Swivel action, 3-ball contact.  
Female coupler thread; male  
plug thread. Brass.  
Coupler & Plug. Each **\$3.50**

15 FT.

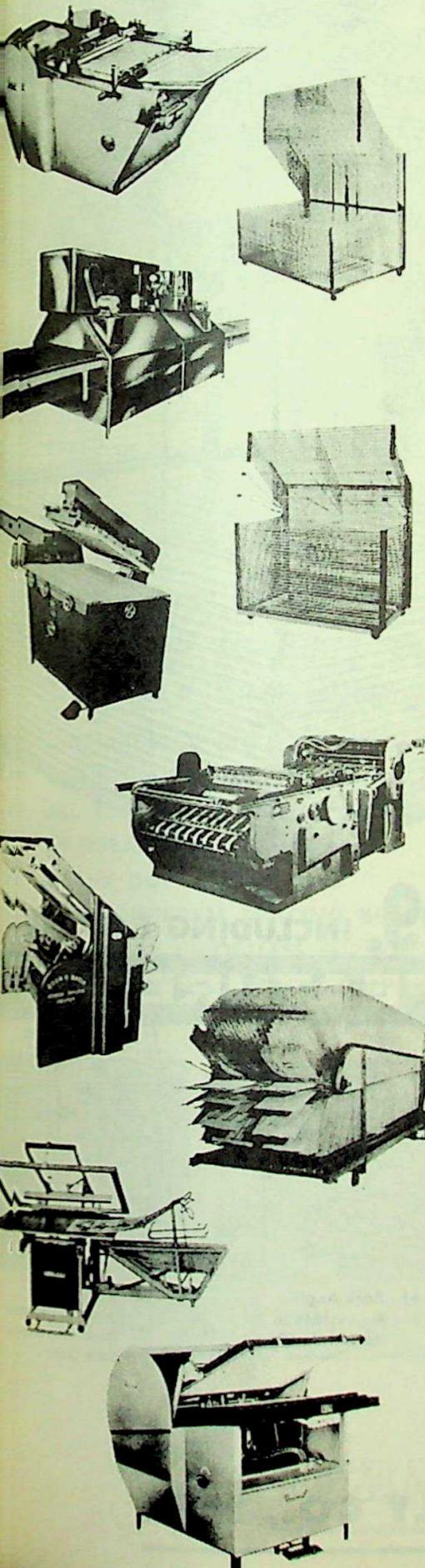
## Material Hose

With 3/8" female fittings.  
Use with paint tank above.

PRICE EACH . . . \$ 9.45

ABOVE IS ONLY A PARTIAL LIST OF OUR EQUIPMENT. CHECK US FOR NEW & USED FLOCK AND SPRAY EQUIPMENT.

# SCREEN PROCESS PRODUCTION through



## AUTOMATION

Meet the  
**'ADVANCE  
TECHNICIAN'**



A skilled Screen Process Specialist . . . An engineer who daily evaluates customer automation requirements.

A veteran Automation Researcher continually designing Screen Process equipment to handle today's high-speed and quality Screen Process runs.

A Cost Control Specialist who is primarily concerned with low cost efficient equipment performing at lowest operational expense.

A 'Minute-Man' Technician always prepared to give you fast . . . thorough equipment servicing wherever you are located.

Write to Advance Equipment Division  
Let Advance's skilled Automation Technicians provide you with a cost-free analysis on any phase of Screen Process Automation.

# THE NEW **RACK KING**

**Compact Non-Tilt  
Construction**



**ALL METAL CONSTRUCTION**

## 20% MORE DRYING AREA IN THE NEW RACK KING DRYER

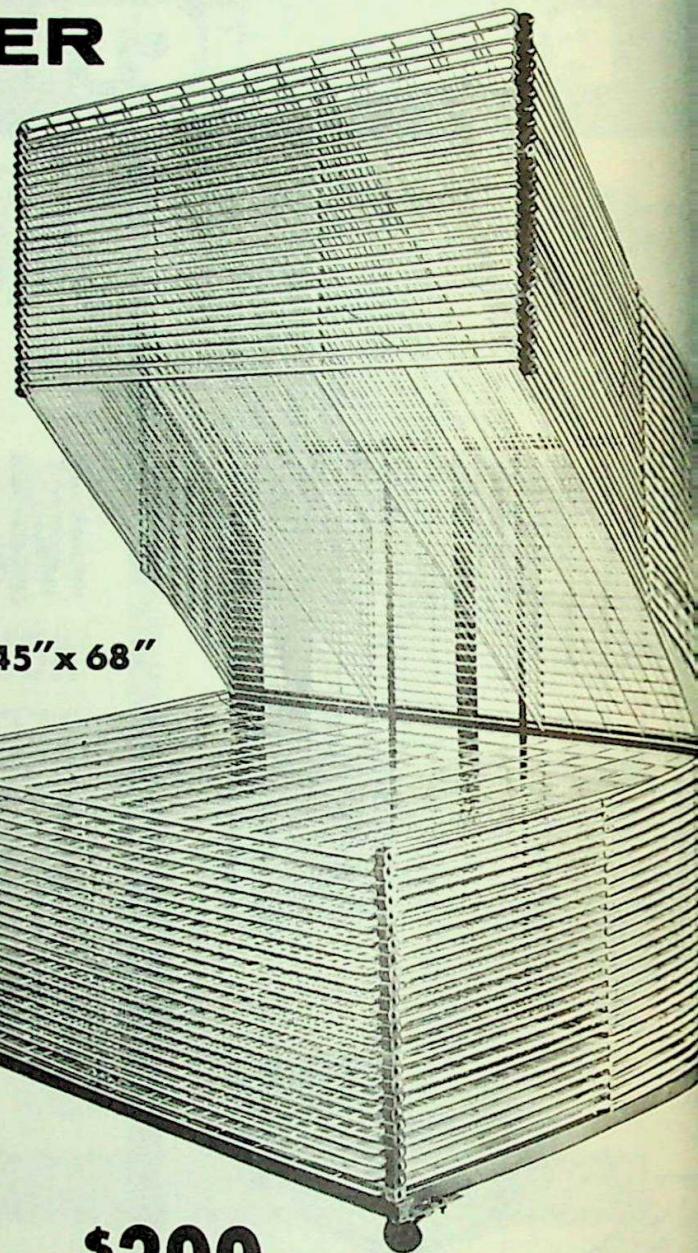
Here is a King-sized drying rack with much more drying area than in any other rack and it costs less. It is sturdily built for trouble-free operation and long life . . . and there are many other superior features. The 50 King sized racks (45"x68") are rigid and level . . . no sag. The tray openings, 4½" x 5" permit drying of small as well as large sheets. Rubber Rack Spacers outside the tray provide uniform ½" space between racks to accommodate materials of various weights and shapes over complete 45" x 68" area of rack.

### S P E C I F I C A T I O N S :

Rack Dimensions	45" x 68"
Base Dimensions	50" x 71"
Height (assembled with castors)	63"
Weight	600 lbs.
Number Racks	50

Write for special size custom built information

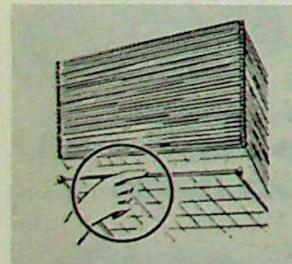
# King Size **FINGER TIP SCREEN PROCESS DRYER**



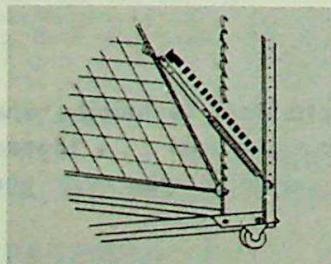
**Size 45" x 68"**

**\$399. INCLUDING PACKING**

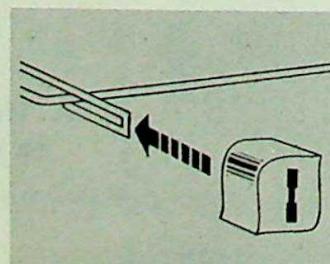
## FEATURES



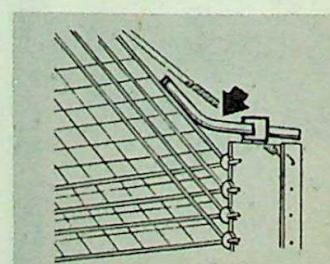
(1) Fingertip Operation



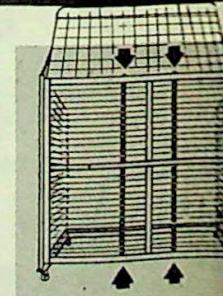
(2) Spring Tension-  
Adjustable



(3) Uniform Space Between  
Racks



(4) Rack Angle  
Adjustable In  
Raised Position



(5) Combination  
Sheet Backstop  
and Rack Axle  
Lock Bars

**FOR ALL-PURPOSE AIR DRYING, THE NEW RACK KING IS THE ULTIMATE IN DRYING  
IT GIVES YOU 20% MORE DRYING AREA AND THE COST IS LESS.**

**ADVANCE** PROCESS SUPPLY CO., INC.

CHICAGO 12, ILLINOIS U.S.A.

# The RACK KING Junior

MODEL NO. RK-3046



ALL METAL CONSTRUCTION

The Rack King Junior is the lowest priced unit ever offered. It is the offspring of the popular AMERICAN King size drying rack. The convenient standard size of the Rack King Junior is 30" x 46".

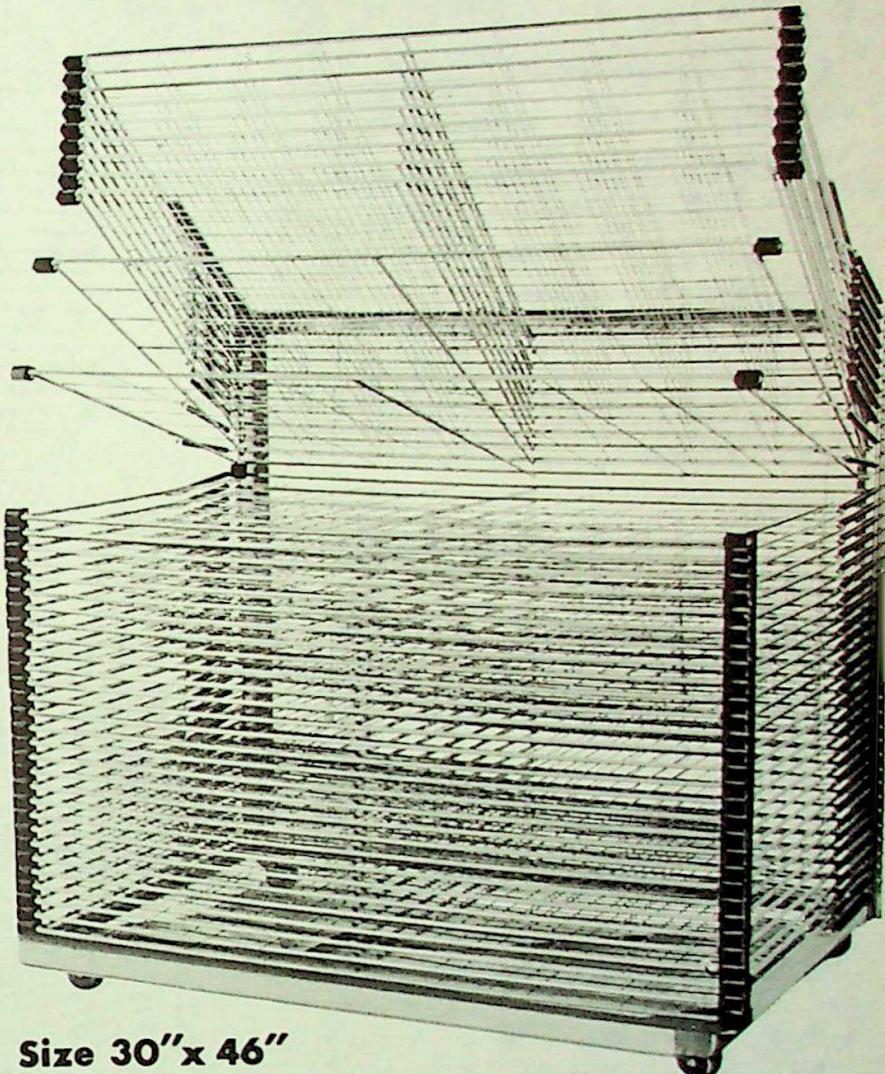
## CHECK THE MANY OUT-STANDING FEATURES OF THE RACK KING JUNIOR

- ★ QUIET RUBBER STOP SPACERS
- ★ RUGGED ALL-STEEL NON-TILT CONSTRUCTION
- ★ ALL RACKS AND STRUCTURAL STAND FINISHED IN DURABLE BAKED ENAMEL
- ★ HEAVY DUTY 3" CASTERS
- ★ LARGE UNIFORM SPACING BETWEEN RACKS
- ★ FINGER TIP EFFORTLESS FLIP RACK
- ★ SMALL 4½" x 5" RACK SUPPORTS FOR SMALL SIZE SHEETS

Sturdy All-Steel Compact Portable

# SCREEN PROCESS DRYER

with spring tensioned trays . . . for perfect air dry registration



**Size 30"x 46"**

- ★ LIGHTEST PAPER STOCK LAYS FLAT WITHOUT SAG
- ★ LOWEST COST — NO MAINTENANCE
- ★ RACK IS SHIPPED KNOCKED DOWN FOR EASY SHIPMENT, HANDLING AND ASSEMBLY
- ★ ANGLE STOPS FOR DESIRED OPENING
- ★ COMFORTABLE FEEDING FROM ALL SIDES

TWO SIZES AVAILABLE

### MODEL RK-3046-40

Number of Trays .....	40
Rack Dimensions .....	30" x 46"
Base Dimensions .....	34¾" x 48¼"
Height (including 3" castors).....	50"
Weight .....	300 lbs.

**\$159.50** .... INCLUDING PACKING

### MODEL RK-3046-50

Number of Trays .....	50
Rack Dimensions .....	30" x 46"
Base Dimensions .....	34¾" x 48¼"
Height (including 3" castors).....	61¼"
Weight .....	360 lbs.

**\$199.50** .... INCLUDING PACKING

F.O.B. Chicago. Prices subject to change without notice.

**ADVANCE** PROCESS SUPPLY CO., INC.

CHICAGO 12, ILLINOIS U.S.A.



# SPEED RACK

A PRODUCTION UNIT  
MADE OF SMOOTHLY  
SANDED SEALED NON  
WARP LUMBER

Model No. 58

## ● Saves Labor

The Speed-Rack saves labor; does away with the high cost of handling individual pallets. Racking pallets are just where you need them, at the touch of your hand. Tension-Bar construction takes the back-bending, slow moving work out of racking.

## ● Saves Money

The Speed-Rack saves money. One operator can feed and rack from automatic press or manual screen table. Some users report, "cuts racking time in half."

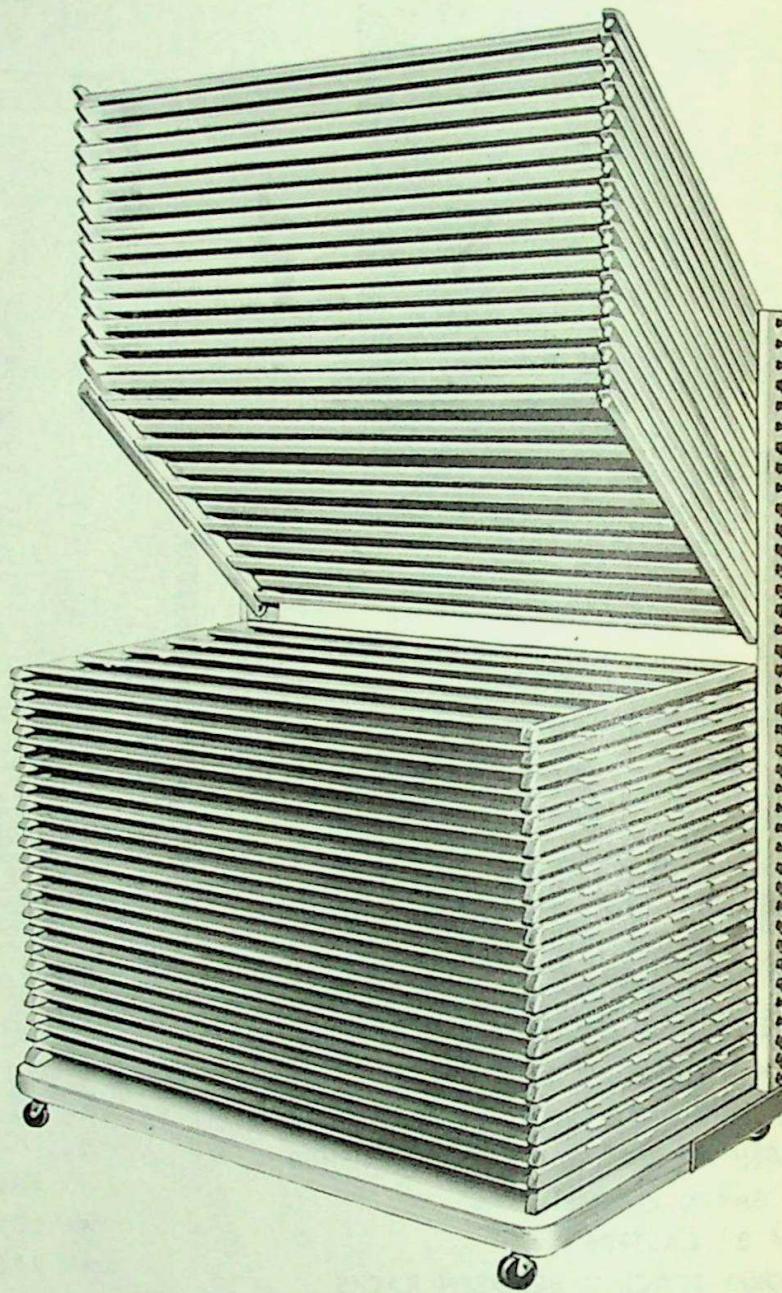
## ● Saves Space

The Speed-Rack saves space. Improved design of Speed-Rack now occupies less than 12 square feet of valuable floor space. Easy to move on ball-bearing casters, it rolls any place in the shop.

**SPEED-RACK holds glass, paper,  
light metal, plastic, cardboard:**

RACK WILL HOLD	SIZE OF SHEET
40 .....	28 x 44 sheets
80 .....	28 x 22 sheets
160 .....	14 x 22 sheets
320 .....	11 x 14 sheets

New! Improved!  
Open Side Model!



## ECONOMICAL and EFFICIENT

Speed-Rack is made of kiln-dried hardwood with shellac finish . . . carefully assembled with precision built hardware . . . pallet strips are of flat strip material especially designed for all types of material, rigid

or flexible . . . forty pallets at your finger tips . . . unloads from either front or rear . . . shipped assembled, ready to use. Overall size is 51" wide, 30" deep, 64" high.

1 - Unit completely assembled and packed - only	\$125.00	Each
3 - Unit completely assembled and packed - only	\$122.00	Each
6 - Unit completely assembled and packed - only	\$119.00	Each

**ADVANCE PROCESS SUPPLY CO., INC.**  
CHICAGO 12, ILLINOIS U.S.A.

# THE AUTO-RACK WICKET DRYER

CLOSE-SPACED or

WIDE-SPACED

designs for all 3 styles

Check the Dura-Grip  
Rack-Chain Linkage



#### Close-Spaced UNITS SPECIFICATIONS

Standard Rack sizes: 10" x 12" — 26 1/2" x 30"  
31 1/2" x 45" — 36 1/2" x 45"  
Racks Spaced on 3/4" Centers—16 per foot  
Standard 10-foot Chassis—approximately 375 Racks  
Sheet Size capacities are greater than rack sizes  
SPECIAL AUTO-RACK UNITS BUILT PER REQUIREMENTS

#### Wide-Spaced UNITS SPECIFICATIONS

Standard Rack Sizes: 31 1/2" x 45"  
36 1/2" x 45" — 46" x 65"  
Racks spaced on 1 1/4" Centers—9.6 per ft.  
Standard 10-ft. Chassis—approximately 230 Racks  
Single or Multiple  
Sheet size capacities are greater than rack sizes  
Special AUTO-RACK Units built per requirements.



#### GENERAL SPECIFICATIONS

Full Range Variable Speed Drive  
Heavy Duty Capacitor Motor 110 Volts A.C.  
Mounted heavy-duty Switch  
All Drive Components built-in and replaceable  
Heavy Duty Ball Bearing Main-Shafts  
Take-up Adjustments for carrier chains  
Replaceable Steel Tracks  
Positive Rack-Chain Mount  
Durable Brightly Plated Rack  
Structural All Steel Portable Chassis  
4" Ball Bearing Swivel Casters

**ADVANCE PROCESS SUPPLY CO., INC.**

CHICAGO 12, ILLINOIS U.S.A.

# The **AUTO-RACK** **WICKET** **DRYER**

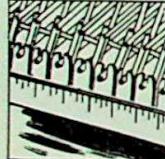
by  **AMERICAN**

*utilizing*

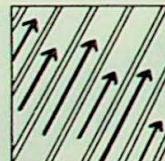
**TIME**



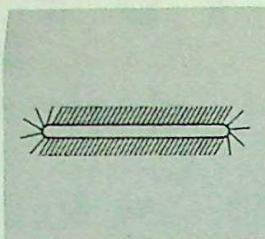
**SPACE**



**AIR**

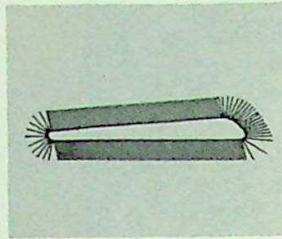


## 3 BASIC STYLES CUSTOMIZED WITH STANDARD COMPONENTS



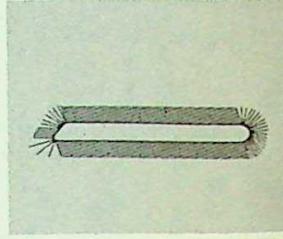
**Slim-Line Auto-Rack**

Dryer automation at the lowest conceivable price. Designed for light weight . . . easy movement to any location within your shop. — Handles a variety of stock types. Excellent for small sized sheets.



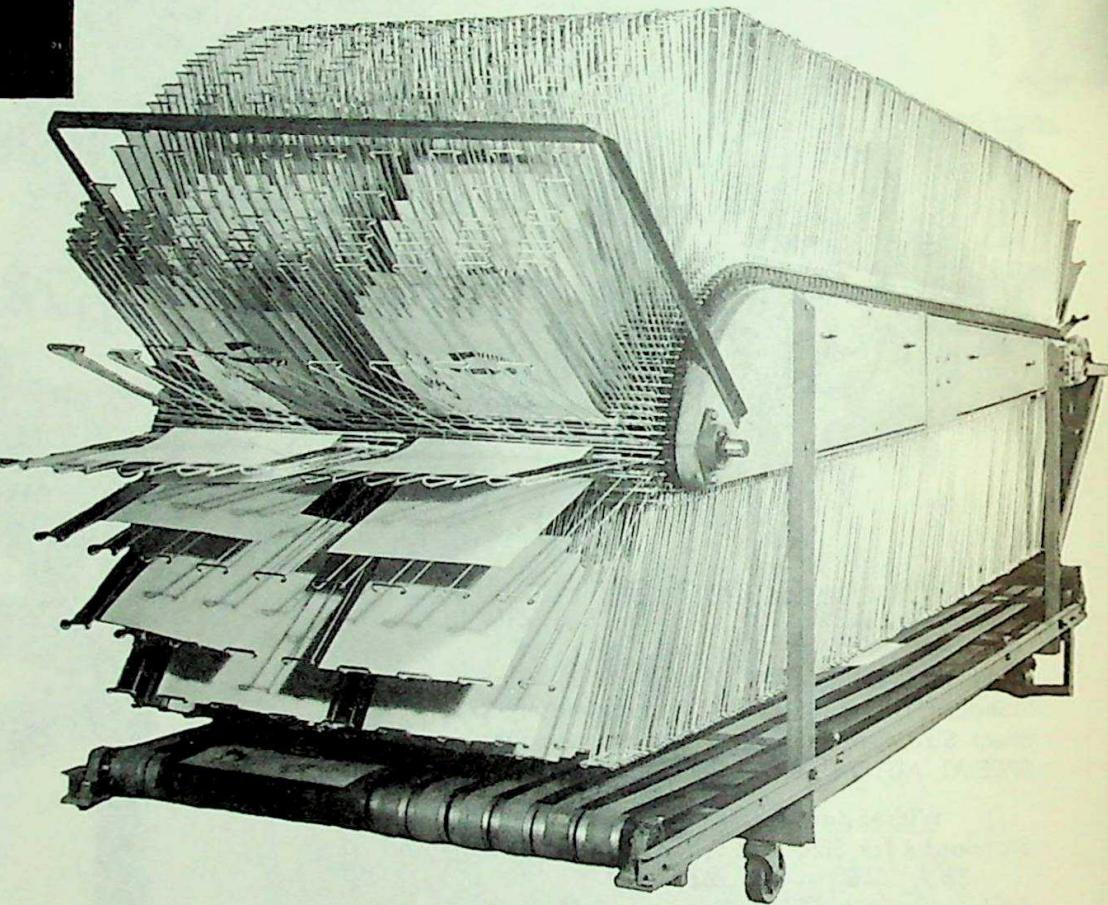
**Tear-Drop Auto-Rack**

The all-purpose wicket dryer with the exclusive tear drop shape that gives you non-buckling sheet carriage and delivery . . . more wickets per unit length . . . built-in air stream. Excellent for sheet sizes 30"x45" and up.



**Torpedo Auto-Rack**

For infinite drying uses. handles the largest stock capacity . . . constructed to fit any length. Deep styled chassis will incorporate any auxiliary feature. Ideal for Decals. Recommended for front delivery systems.



*Easily Adapted to*

- ANY LENGTH, ANY WIDTH, ANY SPACING
- ANY EXTRA FEATURE ADDITIONS
- PRESS AUTO-RACK SYNCHRONIZATION

The Auto-Rack Wicket Dryer is a high speed, space-saving, positive inclined upright air drying development by "AMERICAN". It has been a vital factor in breaking the silk screen industry's number one bottleneck—DRYING.

The Auto-Rack increases productive man-hours, cuts air drying time by 1/3 and saves at least 3/4 the space needed by conventional drying methods. The Auto-Rack is customized with standard components in a wide range of sizes to meet

your particular specifications of length, width and spacing. The wickets hold the stock in an inclined upright position to enhance drying through "gravitational peeling" of heavier-than-air solvents from the surface of the sheet. A moving Air Stream through the racks provides more drying capacity.

The Auto-Rack is ruggedly constructed for heavy-duty service. All models are designed to handle continuous hand or machine production.

ALSO AVAILABLE WITH CONTROLLED TEMPERATURE FORCED AIR AND HUMIDITY.

**ADVANCE PROCESS SUPPLY CO., INC.**  
CHICAGO 12, ILLINOIS U.S.A.

# AUTO-RACK WICKET DRYER

FRONT  
AND REAR  
DELIVERY  
UNITS  
AVAILABLE

ENCLOSED  
MODELS  
AVAILABLE

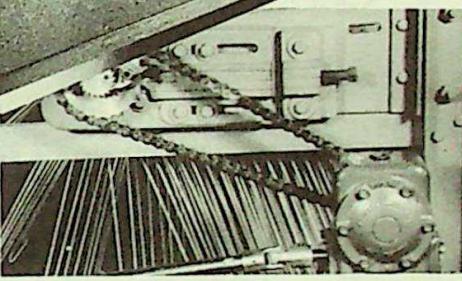
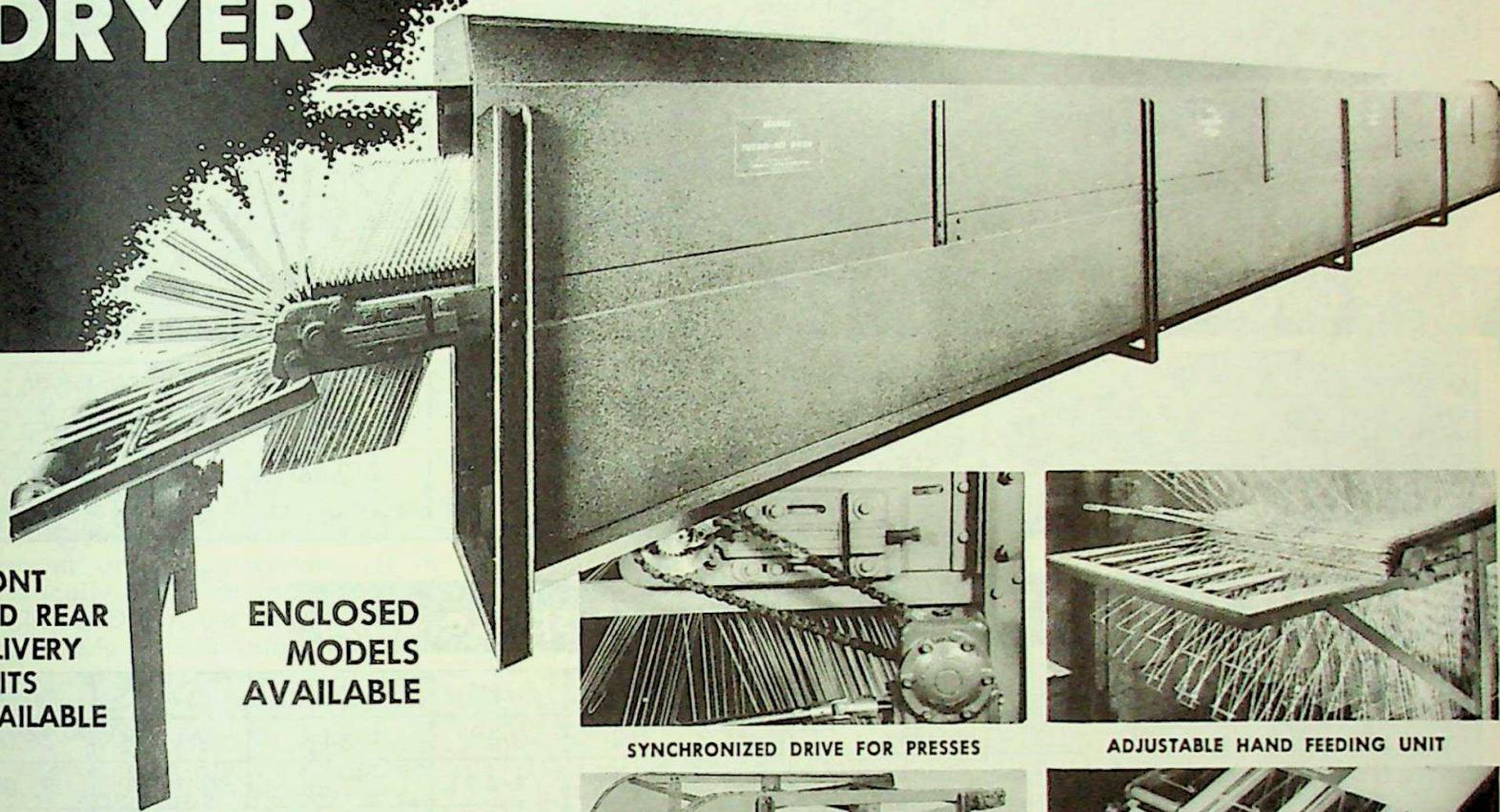
Enclosed Auto-Rack models are equipped with built-in heating elements and high volume directional air units to circulate the air over the stock and exhaust evaporating solvents.

- Superior Rack Construction.
- Double plated for Mar-Resistance.
- Specially Designed Chain for simple Accurate and Positive attachment.
- Heavy-Duty Built-In Variable Speed Drive offers any desired production rates.
- Provision for Built-In Air and Heat.
- Sturdy All-Steel Construction.
- Well Engineered for Continuous Performance.
- Available in a Wide Range of Sizes.
- Safe and Quiet in Operation.
- Shipped in Convenient Size Crates. Fits through any door.
- Tear-Drop Design Delivers Lightest Sheets.

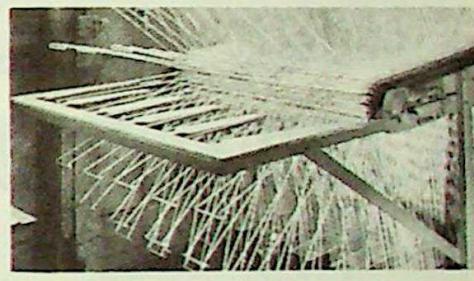
LET A TRAINED TECHNICIAN  
EVALUATE YOUR OPERATION FOR  
A RECOMMENDED UNIT AND  
OPTIONAL EQUIPMENT.

## outstanding OPERATING & PERFORMANCE FEATURES

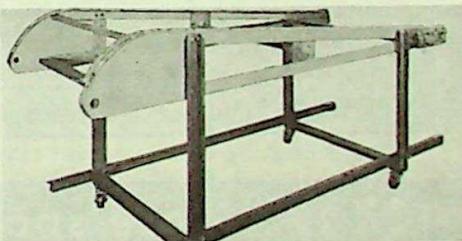
Sheets may be taken off at tear drop end for standard half wicket drying, or may remain on the wickets for full dryer travel.



SYNCHRONIZED DRIVE FOR PRESSES



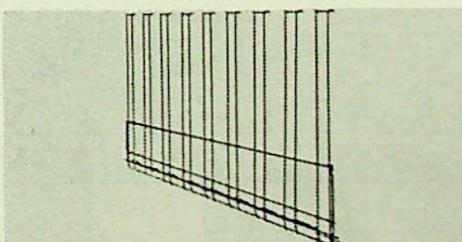
ADJUSTABLE HAND FEEDING UNIT



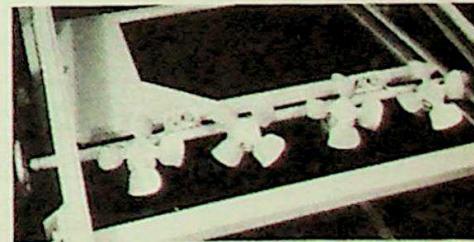
HEAVY DUTY ALL-STEEL CHASSIS



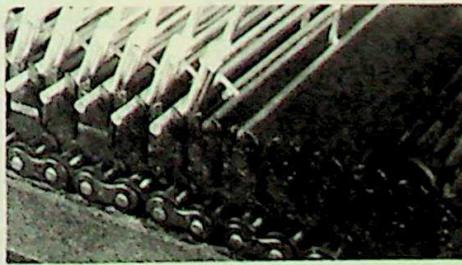
FRONT AUTO-FEEDING UNIT



RIGID HEAVY GAUGE WICKETS



INTERNAL DIRECTIONAL AIR UNIT



DURA-GRIP RACK-CHAIN CONNECTION



HEAVY DUTY ADJUSTABLE TAKE-UP BALL BEARING CASTING



**PROCESS SUPPLY CO., INC.**

CHICAGO 12, ILLINOIS U.S.A.

# AUTO-RACK WICKET DRYING

## Equipment and Accessories

### STRAIGHT-LINE AUTO-RACK (1" wide space units)

Sheet Size	Rack Size	No. of Fingers	Model No.	Chassis Length	No. of Racks Per Unit	Rack Centers	Variable Speed Drive Full Range	Price	Crating Extra
30" x 50"	31-1/2" x 45"	5	505	10-feet	210	1-1/4"	1/3-hp	\$1795.00	\$ 85.00
35" x 50"	36-1/2" x 45"	5	545	10-feet	210	1-1/4"	1/2-hp	1985.95	95.00
45" x 68"	46-1/2" x 65"	10	605	10-feet	210	1-1/4"	1-hp	3529.95	150.00

### TEAR DROP AUTO-RACK (1" wide space units)

22" x 50"	23" x 45"	9	502-T	10-feet	230	1-1/4"	1/3-hp	1975.00	90.00
30" x 50"	31-1/2" x 45"	5	510-T	10-feet	230	1-1/4"	1/3-hp	2105.00	90.00
35" x 50"	36-1/2" x 45"	5	555-T	10-feet	230	1-1/4"	1/2-hp	2305.85	100.00
45" x 68"	46-1/2" x 65"	10	630-T	10-feet	230	1-1/4"	1-hp	3928.90	150.00

### STRAIGHT-LINE AUTO-RACK (1/2" close space units)

12" x 18"	13" x 14"	4	100	10-feet	350	3/4"	1/4-hp	1610.95	50.00
25" x 38"	26-1/2" x 30"	4	285	10-feet	350	3/4"	1/3-hp	2115.95	75.00
21" x 50"	22-1/2" x 45"	9	300	10-feet	350	3/4"	1/3-hp	2413.90	85.00
30" x 50"	31-1/2" x 45"	5	575	10-feet	350	3/4"	1/3-hp	2615.90	100.00
35" x 50"	36-1/2" x 45"	5	595	10-feet	350	3/4"	1/2-hp	2817.90	110.00

### TEAR DROP AUTO-RACK (1/2" close space units)

12" x 18"	13" x 14"	4	110-T	10-feet	380	3/4"	1/4-hp	1863.45	50.00
25" x 38"	26-1/2" x 35"	4	295-T	10-feet	380	3/4"	1/3-hp	2368.45	85.00
30" x 50"	31-1/2" x 45"	5	585-T	10-feet	380	3/4"	1/2-hp	2817.90	100.00
35" x 50"	36-1/2" x 45"	5	598-T	10-feet	380	3/4"	1/2-hp	3024.95	110.00

Special Rack Sizes and Chassis Style and Lengths Available.

Also specially designed units available for hand and automatic press production on Printed Circuit boards, bookcovers, greeting cards, textiles, decals.

ADJUSTABLE  
FEEDING TABLE  
\$75.00

4 UNIT ADJUSTABLE  
FAN SECTION WITH  
ELECTRICAL CONNECTIONS  
\$159.50 ea.

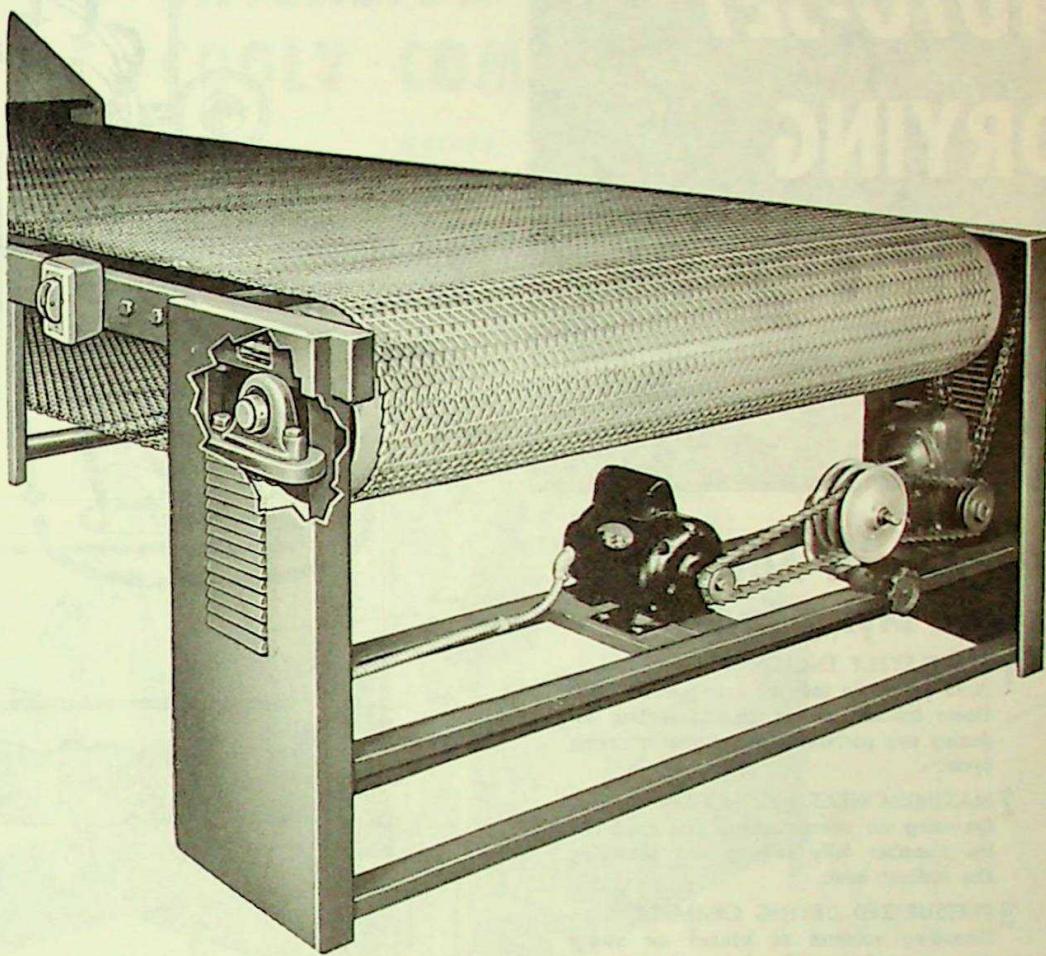
REAR DELIVERY  
FRONT DELIVERY

ALL PRICES F.O.B. CHICAGO Subject to Change Without Notice

 **ADVANCE PROCESS SUPPLY CO., INC.**  
CHICAGO 12, ILLINOIS U.S.A.

# THE AUTO-JET MULTI-SPEED SECTIONAL CONVEYOR SYSTEM

**SMOOTH, SILENT TRAVEL from  
INFEED to DELIVERY**



The Auto-Jet Multi-Speed Conveyor System is the last word in Auto-Jet drying perfection. It is specifically designed for the Auto-Jet Turbo Dryer, yet can be placed individually to suit infeed and delivery areas. Variable speed control ties it perfectly to Auto-Jet drying operation.

It is available in any convenient length with extra footage available for present and future needs.

This system is also available to coincide in width to any given Auto-Jet Master model, Auto-Jet Extension Component and Auto-Jet Cooly Component. Equipped at your option with all-steel mesh belting or duro-bond tape carriers.

## ANY CONVENIENT LENGTH WITH EXTRA FOOTAGE AVAILABLE

The Auto-Jet Multi-Speed Sectional Conveyor System is of bolted construction in convenient lengths for easy passage even through smallest doors. The following are some outstanding features which assure you of long, trouble-free continuous operation: all-steel chassis, ball-

bearing suspension rollers throughout, on-off switch with overload protector, heavy duty main shaft bearings with 4-point belt adjusters, variable speed control unit and enclosed positive chain and gear linkage drive mechanism.

### TAPE BELT TYPE CONVEYOR

Model No.	Overall Belt Width	Complete Price 25' Length	Extra Length Price Per Ft.	Crating
AC-360-T	36"	\$1045.	\$17.	\$45.
AC-480-T	48"	1250.	22.	55.
AC-600-T	60"	1495.	32.	65.
AC-720-T	72"	1775.	42.	80.
AC-860-T	86"	2280.	72.	100.

### METAL MESH BELT CONVEYOR

Model No.	Overall Belt Width	Complete Price 25' Length	Extra Length Price Per Ft.	Crating
AC-360-M	36"	\$1195.	\$25.	\$50.
AC-480-M	48"	1395.	30.	60.
AC-600-M	58"	1670.	42.	70.
AC-720-M	72"	1975.	54.	85.
AC-860-M	86"	2530.	88.	105.

Above Electrical Specifications:  $\frac{1}{2}$ - $\frac{1}{2}$  H.P. Motor, 110-120V, Single Phase. Special - Electrical Equipment available.

COMPLETE WITH VARIABLE SPEED MOTOR DRIVE AND SWITCHES

**ADVANCE PROCESS SUPPLY CO., INC.**  
CHICAGO 12, ILLINOIS U.S.A.

# The AUTO-JET DRYING PRINCIPLE...

## 7 Point AUTO-JET Drying Cycle

### 1 COMPLETELY ENCLOSED FLAME

Auto-Jet is an indirect drying unit. The flame cannot contact the circulating air during any portion of the complete drying cycle.

### 2 MAXIMUM HEAT ABSORPTION

Incoming air sweeps around the combustion chamber fully swiping and absorbing the radiant heat.

### 3 PRESSURIZED DRYING CHAMBER

Unending volumes of heated air sweep down into drying chamber and uniformly pressurize the area.

### 4 JET STREAM CONVERSION POINT

Pressure forces the air through a multitude of minute openings in the grid base of the drying chamber. Air particles are thus converted to a continual force of jet streams that contact the passing stock with equal pressure at all points.

### 5 JET STREAM DRYING ACTION

Auto-Jet's exclusive "Vacu-turbulence" rapidly draws high volume jet streams in a length-wise turbulence across the stock surface . . . thereby, snatching away evaporating solvents while preventing sheet flutter.

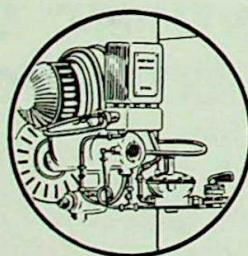
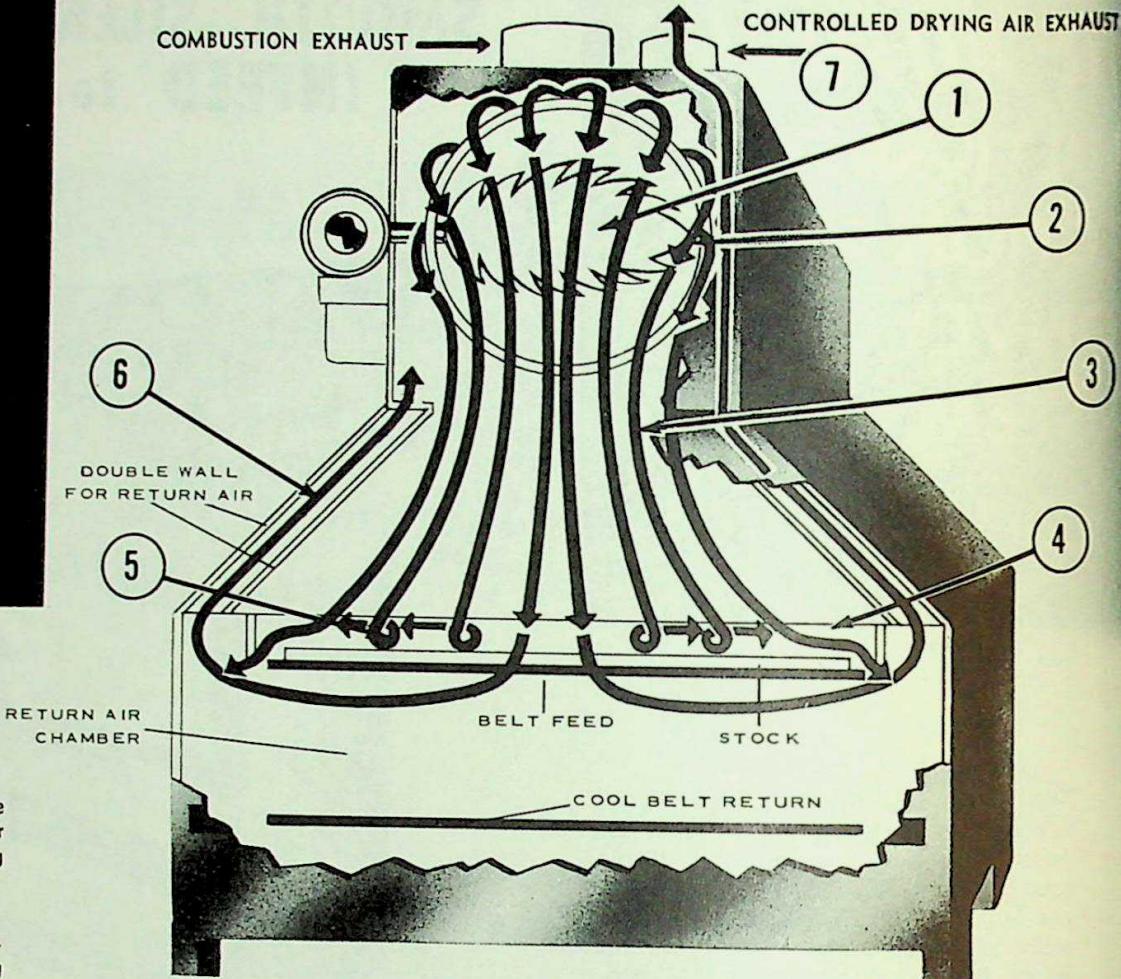
### 6 AIR STREAM RETURN

Upon completion of their drying mission, the jet streams are sucked into the double-wall vacuum-return ready for full or partial exhaustion.

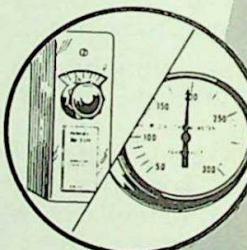
### 7 RE-CIRCULATION CONTROL POINT

Damper-type control lever regulates full or partial jet stream exhaustion. Partial settings permit only the percentage exhaustion indicated on the dial. The remaining portion rejoins the new volumes of incoming air. Operational costs are lowered by retaining heat energy without sacrificing drying efficiency.

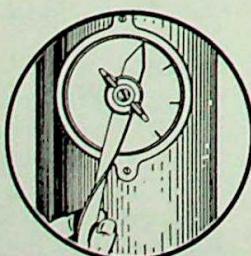
... and WHY it is BEST



Main gas pilot control levers. Fully enclosed, with safety cut-offs. American Gas Association approved.



Electrical master control switches. Easy to read and set thermostat temperature control. Fast, easy monitoring of temperature readings with Weston head indicator. U. L. approved.



Non-tamper control for positive safety. Cuts burner in case of thermostat or blower failure.



Conveyor speed control.

Air re-circulation rate lever. Five positions. Steady temperature at any position.

Also pressure and Auto-Pilot Control

The Auto-Jet is made to function with maximum safety and minimum supervision. Pre-set controls assure uniformity in fuel flow, temperature regulation, blower operation, air circulation and conveyor speed.

Uniform super-speed drying is assured from initial feed to the final take-off. All gas controls are American Gas Association approved; electrical controls are Underwriter Laboratory approved.

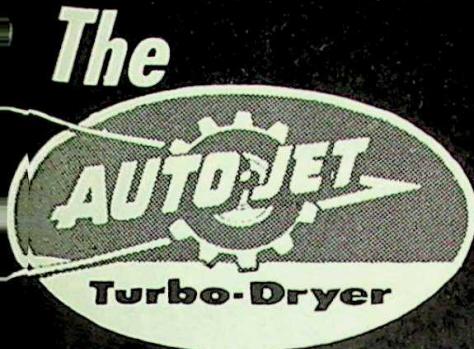
## Fully Automatic



**ADVANCE**

**PROCESS SUPPLY CO., INC.**

CHICAGO 12, ILLINOIS U.S.A.



## A CUSTOM DRYER with STANDARD COMPONENTS

Faster Production..

Lower Costs

### THE MASTER UNIT

The Auto-Jet is AMERICAN'S answer to the need for super-drying at its best to extend the range, speed and quality of screen process printing on any stock. The Auto-Jet is a pioneer development of AMERICAN featuring an entirely new and positive drying principle - heated jet-air turbulence that makes possible continuous screen process production with greater control over stock condition and registration. The Auto-Jet is ideal for ALL sheet sizes.

And to meet the industry's urgent demand for more production and faster drying, AMERICAN has also pioneered Auto-Jet COMPONENTS to further increase the Auto-Jet's efficiency.

### THE EXTENSION COMPONENT

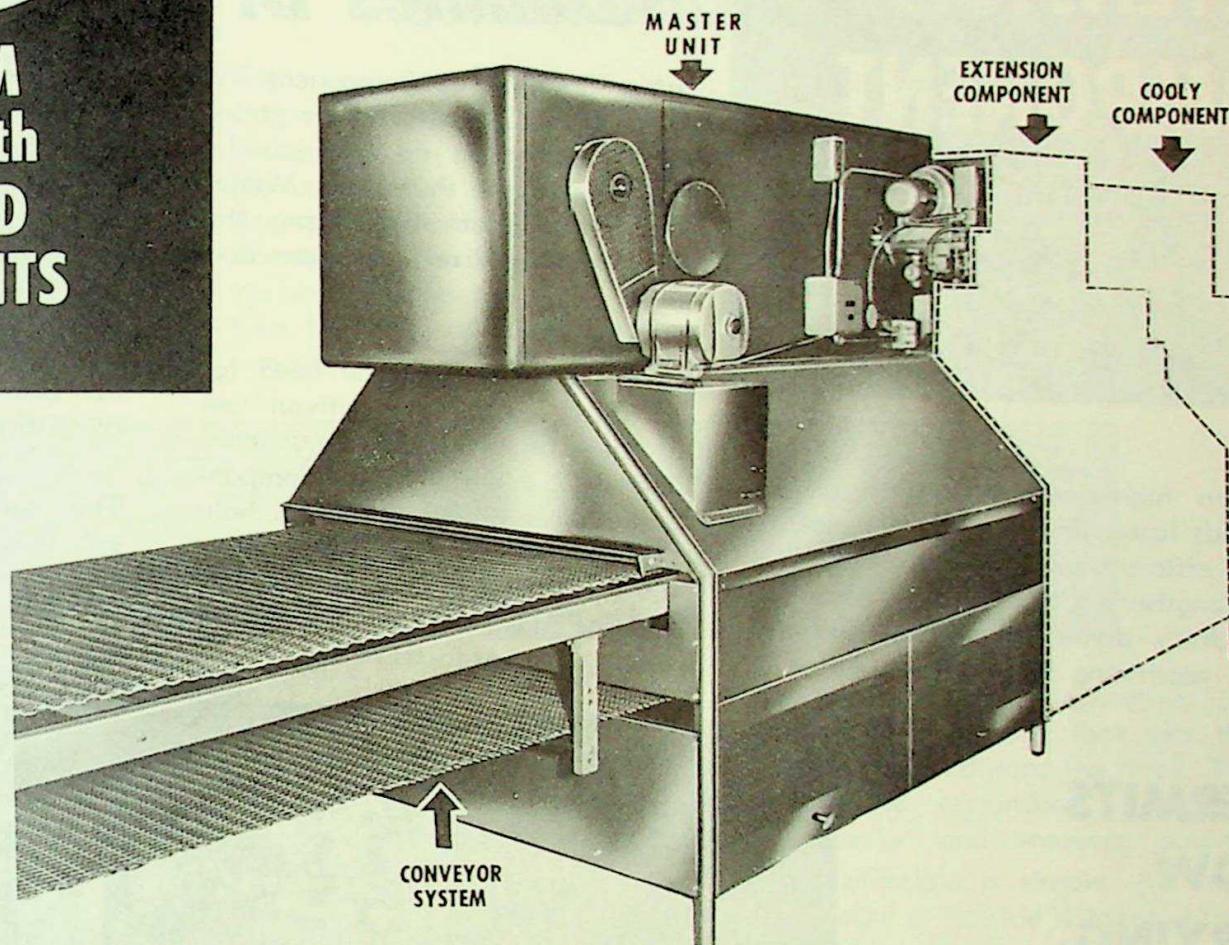
The Extension Component may be added to extend the drying time without additional heating cost which means more drying at extremely low operating cost.

### MASTER UNIT

Model No.	Effective Drying Width	Maximum Stock Width	ELECTRICAL			Thermal	Air Output	DIMENSIONS			Price	Crating
			60 Cy. AC Volt	Motor Size	Amps.			Wide	Long	Height		
VAC-3836	36"	38"	220V-3 Ph.	3 HP	8.9	80°-300°	4100 CFM	55"	8 Ft.	33"	\$2325.	\$ 55.
VAC-5048	48"	50"	220V-3 Ph.	3 HP	8.9	80°-300°	4100 CFM	66"	8 Ft.	33"	\$2575.	\$ 65.
VAC-6058	60"	63"	220V-3 Ph.	5 HP	15.2	80°-300°	5400 CFM	80"	8 Ft.	33"	\$2990.	\$ 80.
VAC-9086	86"	90"	220V-3 Ph.	6 HP	17.8	80°-300°	8200 CFM	133"	8 Ft.	33"	\$4675.	\$130.

## Featuring

- ★ MASTER UNIT
- ★ EXTENSION COMPONENT
- ★ COOLY COMPONENT



The Extension Component serves the same function as the Master by UTILIZING HEAT from the Master to give twice the drying with lower initial cost and lower operating cost.

### THE COOLY COMPONENT

The Cooly Component should be added to the Master Unit only or in tandem with Master and Extension to set colors and render stock ready for immediate stacking.

### VERSATILITY

Nor is this the extent of the Auto-Jet's versatility. If the drying problem demands it, Masters, Extension and Cooly Components can be coupled to infinity in length. All of which adds up to more production

and improved quality . . . space, time and labor saving.

### DRYING PRINCIPLE

The principle is simple. A high volume of heated air is converted into pressurized turbulent jet streams to flush away evaporating solvents under pre-set, fully automatic operation.

### OPERATING DEPENDABILITY

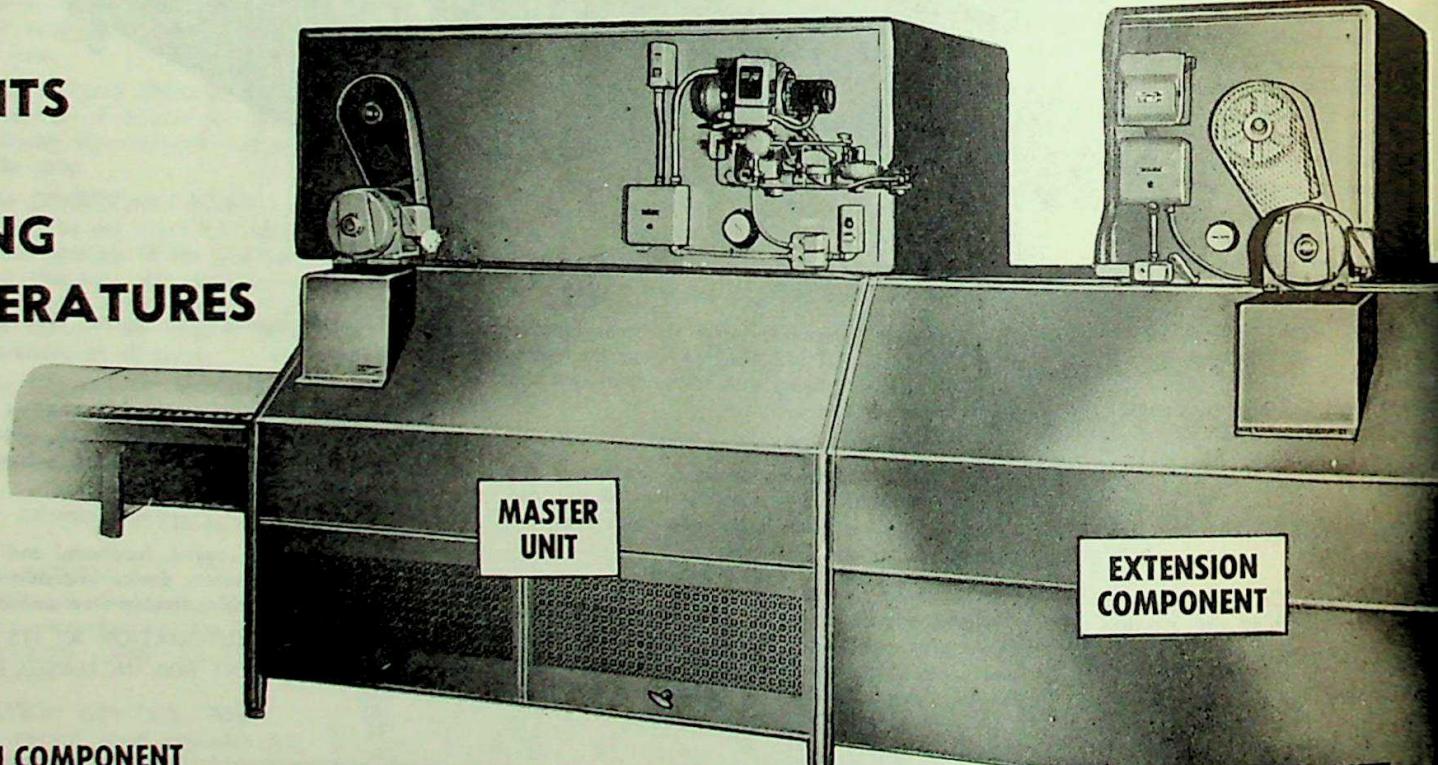
The Auto-Jet is rugged, functional and frill-free. It embodies every safety device necessary to quiet, continuous, dependable, trouble free performance.

**PUT DRYING AUTOMATION AT ITS BEST  
INTO YOUR PLANT FOR INCREASED PROFITS**

# THE AUTO-JET EXTENSION COMPONENT

When high-speed production demands faster drying, an easy quick and efficient solution may be had by lengthening the Auto-Jet Master Unit's drying time-factor without sacrificing speed. The Auto-

## PERMITS LOW DRYING TEMPERATURES



### EXTENSION COMPONENT

Model No.	Effective Drying Width	Maximum Stock Width	ELECTRICAL			Thermal	Air Output	DIMENSIONS			Price	Crating
			60 Cy. AC Volt	Motor Size	Amps.			Wide	Long	Height		
CAB-3836	36"	38"	220V-3 Ph.	3 HP	8.9	80°-250°	4100 CFM	55"	8 Ft.	33"	\$1260.	\$ 45.
CAB-5048	48"	50"	220V-3 Ph.	3 HP	8.9	80°-250°	4100 CFM	66"	8 Ft.	33"	\$1425.	\$ 55.
CAB-6058	60"	63"	220V-3 Ph.	3 HP	15.2	80°-250°	4700 CFM	80"	8 Ft.	33"	\$1850.	\$ 65.
CAB-9086	86"	90"	220V-3 Ph.	6 HP	17.8	80°-250°	8200 CFM	133"	8 ft.	33"	\$2610.	\$100.



## Doubles Drying Capacity

Jet's Extension Component is AMERICAN'S answer. It is styled and designed to do this job by coupling to the Auto-Jet's Master Unit to pick off heat from the Master and utilize it for more drying.

It is the answer to the need for extended drying time without loss of speed on multi-color production. The Auto-Jet Extension Component assures proper drying to hold stock normal for precise registration. On temperamental stocks such as plastics and pressure sensitives, the Auto-Jet Extension is

ideal as lower temperatures may be used in conjunction with huge volumes of jet air.

The Auto-Jet Extension Component does the job you need done at tremendous cost savings. You save on the initial cost and you save on the operating cost while you get twice the drying capacity.

The Auto-Jet Extension Component is styled to conform to the streamlining of the Master Unit and maintain the overall uniform appearance.

# THE AUTO-JET COOLY COMPONENT



## SET COLORS THOROUGHLY STACK WITHOUT OFFSET

Rapid cooling of stock in the final stages of the drying process is now recognized as vital to high-speed production. It is important to setting colors thoroughly and conditioning stock for immediate stacking without offset.

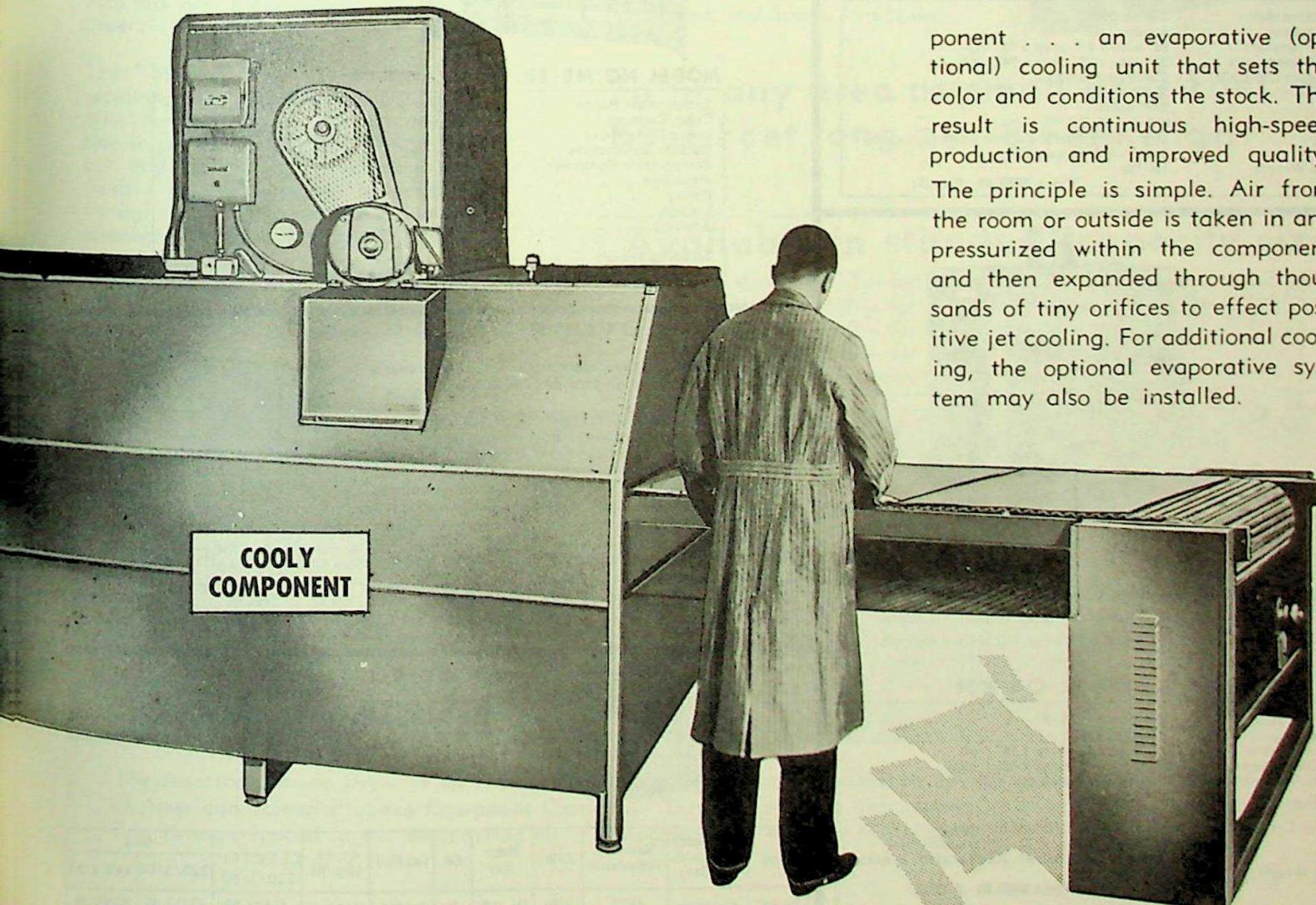
Like the Auto-Jet Extension Component, it is styled to maintain

harmony in streamlining and appearance whether installed as a single component to the Master Unit or coupled in tandem with the Master Unit and Extension Component.

Again AMERICAN has pioneered and come forward with the answer — the Auto-Jet Cooly Com-

### COOLY COMPONENT

Model No.	Effective Drying Width	Maximum Stock Width	ELECTRICAL			Air Output	DIMENSIONS			Price	Crating
			60 Cy. AC Volt	Motor Size	Amps.		Wide	Long	Height		
HC-36	36"	38"	220V-3 Ph.	3 HP	8.9	4100 CFM	55"	8 Ft.	33"	\$ 875.	\$ 45.
HC-50	48"	50"	220V-3 Ph.	3 HP	8.9	4100 CFM	66"	8 Ft.	33"	\$ 945.	\$ 50.
HC-60	60"	63"	220V-3 Ph.	5 HP	15.2	5400 CFM	80"	8 Ft.	33"	\$ 995.	\$ 55.
HC-86	86"	90"	220V-3 Ph.	6 HP	17.8	8200 CFM	133"	8 Ft.	33"	\$1970.	\$100.



ponent . . . an evaporative (optional) cooling unit that sets the color and conditions the stock. The result is continuous high-speed production and improved quality.

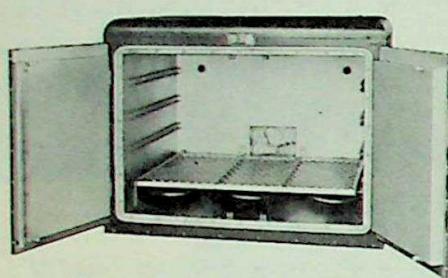
The principle is simple. Air from the room or outside is taken in and pressurized within the component and then expanded through thousands of tiny orifices to effect positive jet cooling. For additional cooling, the optional evaporative system may also be installed.

**ADVANCE PROCESS SUPPLY CO., INC.**

CHICAGO 12, ILLINOIS U.S.A.



# BATCH OVENS

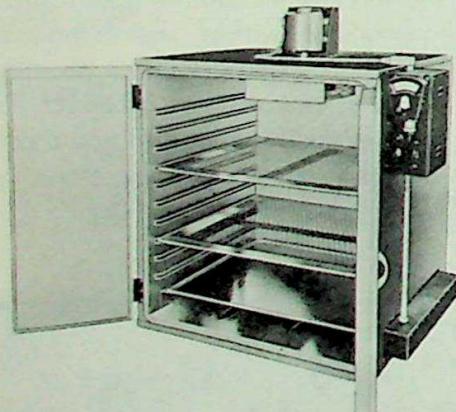


Economically priced bench unit providing 5 cubic feet of work space at temperatures up to 550° F. Has forced air circulation.

## MODEL NO. ME-50 BENCH OVEN

Temperature Range . . . . .	100° to 550° F.
Cubic Capacity . . . . .	5 cubic feet
Inside Dimensions . . . . .	26" wide x 21" deep x 15" high
Outside Dimensions . . . . .	30" wide x 25" deep x 24" high
Temperature Controller . . . . .	Calibrated dial type
Insulation . . . . .	2" Fiberglas
Rating . . . . .	2400 watts
Voltage . . . . .	115 V., A.C.*
Shelving . . . . .	Drip pan w/inserted lower shelf furnished Add'l shelves available
Shipping Weight . . . . .	160 lbs.

Price \$367.00 F.O.B.



A moderate temperature bench oven that provides a vast 27 cubic feet of work space, making it ideal for larger items or bigger batches. Includes forced air circulation.

## MODEL NO. ME-30 BENCH OVEN

Temperature Range . . . . .	Ambient to 350° F.
Cubic Capacity . . . . .	27 cubic feet
Inside Dimensions . . . . .	36" wide x 36" deep x 36" high
Outside Dimensions . . . . .	40" wide x 40" deep x 43½" high
Temperature Controller . . . . .	Partlow calibrated dial type
Insulation . . . . .	2" Fiberglas
Rating . . . . .	6666 watts
Forced Air Circulation . . . . .	1200 CFM — ½ HP blower motor
Voltage . . . . .	230 V., 1-phase, A.C. (others available)
Shelving . . . . .	Drip pan w/2 shelves. Add'l shelves available
Shipping Weight . . . . .	425 lbs.

Price \$482.00 F.O.B.

## HB SERIES CABINET OVENS

### STANDARD EQUIPMENT

#### Standard Electrical Characteristics

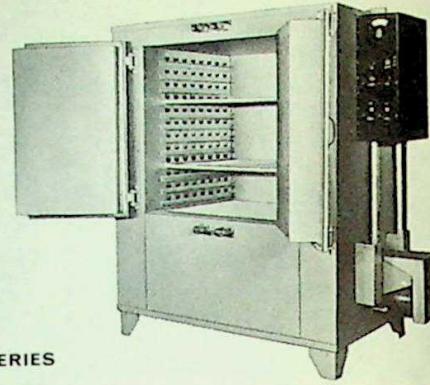
230 volts, 3-phase, 60 cycles  
460 volts, 3-phase, 60 cycles  
Other electrical characteristics available

#### Standard Gas Characteristics

1000 BTU natural gas at 4-6" W. C. pressure  
Other gas characteristics available

**ELECTRIC MODELS** Two (2) reinforced expanded metal shelves; shelf support channels on 3" centers (6" on HC Series); Inconel-sheathed tubular heating elements on 650°, 850°, 1000° and 1250° F. models; Nichrome elements on 500° F. models. Completely wired, side access control panel assembled on oven, enclosing: indicating temperature controller; pilot lights to indicate when blower and heaters are energized; motor starter and heating element contactors—electrically interlocked to shut off heaters if power to blower is interrupted; and to permit operation of blower without heat for cooling; high-low heat switch for temperature uniformity over entire range (650°, 850°, 1000° and 1250° F. models).

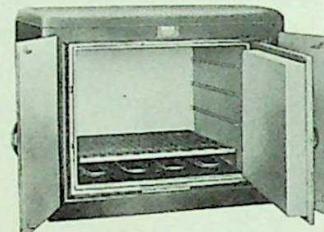
**GAS MODELS** Two (2) shelves and control panel as in electric models. Eclipse gas burner 100% protected with Factory Mutual approved Minneapolis-Honeywell electronic combustion control devices to insure safety. Push button electric ignition for ease of operation.



HB SERIES

**1000° AND 1250° F. MODELS** Interior, including shelves and blower, fabricated of heavy gauge stainless steel. Insulated with 2" of 1900° F. insulating block, backed up with 1250° F. industrial rockwool. West proportioning indicating temperature controller in separate panel suitable for wall mounting, thermocouple and Burling excess temperature control on 1250° F. models.

Model	Work Space Dimensions (WxDxH)	Maximum Temperature	CFM	Motor Size	KW	Burner Capacity BTU/Hr	Approx. Shipping Weight	ELECTRIC		GAS	
								230/3/60	115/ /60	230/3/60	230/1/60
HB-500	38"x26"x38"	500°F.	850	½ H.P.	9	75,000	1050 lbs.	\$1090.00	\$1370.00	\$1396.00	
HB-650	"	650°F.	850	½ H.P.	15	125,000	1200 lbs.	1210.00	1540.00	1570.00	
HB-850	"	850°F.	1200	¾ H.P.	20	150,000	1500 lbs.	1330.00	1685.00	1723.00	
HB-1000	"	1000°F.	1400	¾ H.P.	30	175,000	1900 lbs.	2294.00	2701.00	2739.00	
HB-1250	"	1250°F.	1600	1 H.P.	40	200,000	2300 lbs.	2930.00	3331.00	3369.00	



## BENCH OVEN

Furnishes temperatures up to 800° F. in a 3 cubic foot work space.

## MODEL NO. ME-80

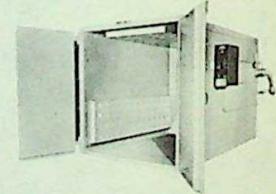
Temperature Range . . . . .	100° to 800° F.
Cubic Capacity . . . . .	3 cubic feet
Inside Dimensions . . . . .	22" wide x 18" deep x 13" high
Outside Dimensions . . . . .	30" wide x 25" deep x 24" high
Temperature Controller . . . . .	Partlow calibrated dial type
Insulation . . . . .	4" Fiberglas
Rating . . . . .	2400 watts
Voltage . . . . .	115 V., A.C.*
Shelving . . . . .	Drip pan w/inserted lower shelf furnished Add'l shelves available
Shipping Weight . . . . .	185 lbs.

Price \$584.00 F.O.B.

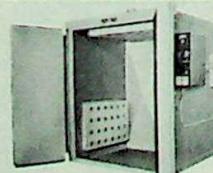
## WALK-IN OVENS

**B3 SERIES** Largest standard line of walk-in ovens 5' wide x 8' deep x 6' high provides 240 cubic feet of work space.

For paint baking, drying, preheating, annealing or any other heat processing of large or numerous parts. Oven size conveniently accommodates materials handling equipment. Designed and constructed for long, hard, continuous use with the temperature uniformity required by the many new processes and finishes in use today.



Model	Work Space Dimensions (WxDxH)	Maximum Temperature	CFM	Motor Size	KW	Gas BTU	Approx. Ship. Wt.	ELECTRIC		GAS	
								220/3/60	220/3/60	440/3/60	
B3-450	60x96x72"	450°F.	4200	3 H.P.	42	400,000	3800 lbs.	2784.00	3155.00	3239.00	
B3-650	"	650°F.	4200	3 H.P.	60	500,000	4600 lbs.	2965.00	3466.00	3571.00	



## WALK-IN OVENS

**B1 SERIES** Most compact, economical standard walk-in series 4' wide x 4' deep x 6' high provides 96 cubic feet of work space.

Model	Work Space Dimensions (WxDxH)	Maximum Temperature	CFM	Motor Size	KW	Gas BTU	Approx. Ship. Wt.	ELECTRIC		GAS	
								220/3/60	220/3/60	440/3/60	
B1-450	48x48x72"	450°F.	2450	½ H.P.	24	250,000	2800 lbs.	\$1684.00	\$2053.00	\$2082.00	
B1-650	"	650°F.	2450	½ H.P.	30	300,000	3200 lbs.	1830.00	2285.00	2314.00	

**ADVANCE PROCESS SUPPLY CO., INC.**  
CHICAGO 12, ILLINOIS U.S.A.



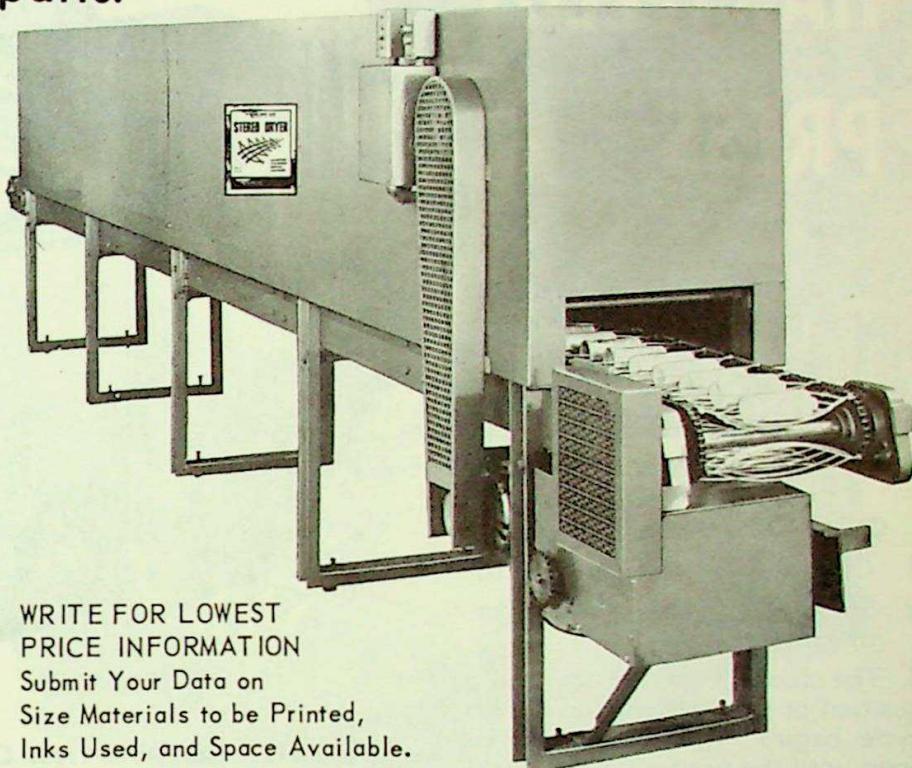
# "STEREO" DRYER

(Pat. Applied For)

Now it is possible to fully automate screen Process Printing on Blow Molded Bottles and certain other parts. Multi-Color and Printing at High speeds is now also a reality with this newly developed "Stereo" Dryer.

The "Stereo" Dryer is capable of receiving the cylindrical piece part after the printing or coating operation in perfect timing and then, without any possibility of maring the freshly printed surface, to pass it through a warm circulating jet-air chamber so as to quickly dry the part. This most unique dryer accomplishes this operation automatically and will deliver the part to the next printing color station or eject for packing.

For synchronized drying of plastic bottles and many other 3-Dimensional parts.



WRITE FOR LOWEST  
PRICE INFORMATION  
Submit Your Data on  
Size Materials to be Printed,  
Inks Used, and Space Available.

To fit any area as small as 2 Feet wide  
by 2 Feet long by 8 Feet High

### Available in standard capacity sizes

- (1) Model #1510 — for small size diameters up to 1-1/2"
  - (2) Model #3520 — for medium size diameters up to 3-1/2"
  - (3) Model #6030 — for large diameters up to 6"
  - (4) Model #8040 — for large diameters up to 8"
- Other sizes made to your specifications.

### Check the Following Truly Exclusive Features:

- |   |   |
|---|---|
| 1. Receives wet printed or coated cylindrical parts without adjustments.<br>2. Perfectly timed with output of automatic machines.<br>3. Can be used with also hand printing operations.<br>4. Wet ink can not smear or mar.<br>5. Automatically synchronous speed ranges timed with any production.<br>6. Minimum space required for equipment. | 7. Air heated to any controlled mild preset temperatures.<br>8. Operates at very low wattage - Depending on present temperature.<br>9. Greatest operational efficiency due to partial air recirculation.<br>10. Carries bottle or part in most stable position. |
|---|---|

The American Stereo Dryer is an exclusive development of American Screen Process Equipment Company. This firm is experienced in the engineering and development

of specialized drying equipment for Screen Process printing and coating. Consult this firm also for proper inks and techniques.

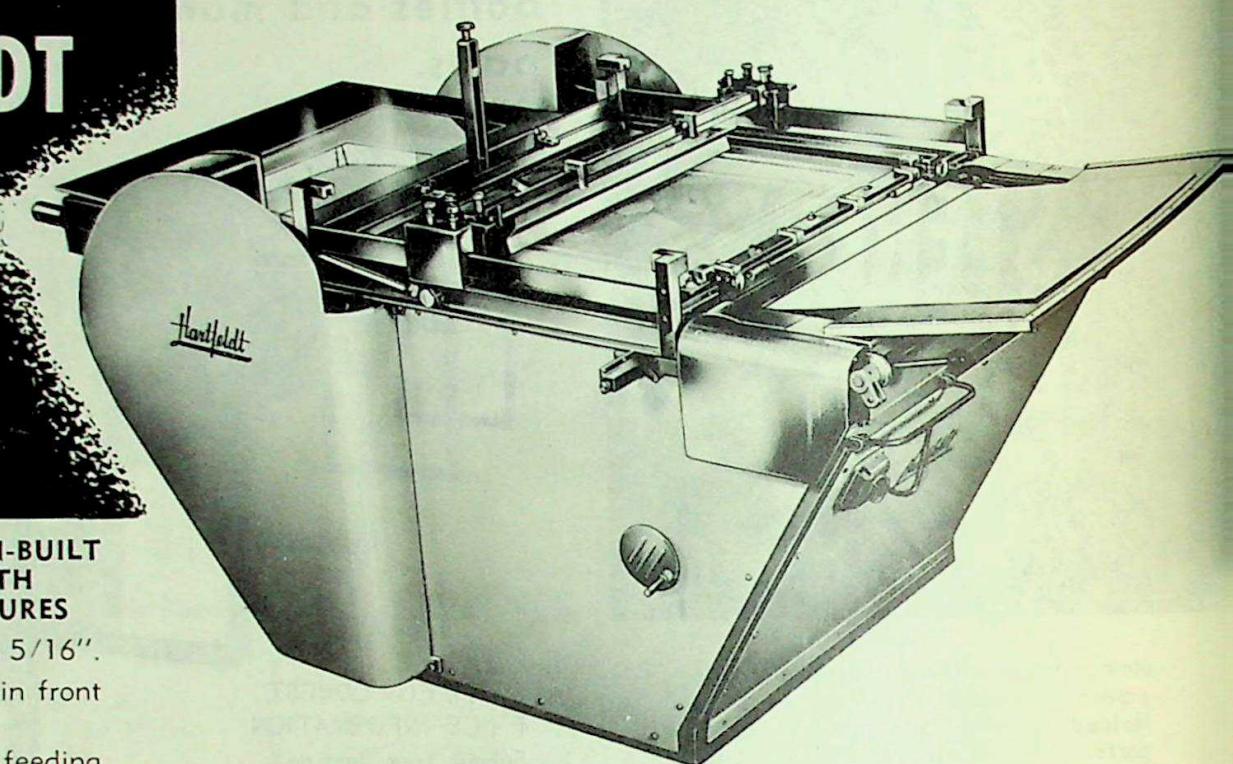
**ADVANCE PROCESS SUPPLY CO., INC.**  
CHICAGO 12, ILLINOIS U.S.A.

*the*

# HARTFELDT PRESS

## THE SWEDISH PRECISION-BUILT FLAT-BED PRESS WITH CYLINDER PRESS FEATURES

1. Can print material up to 5/16".
2. Stock is fed from board in front of printing area.
3. The feeding bar is in feeding position at the moment the printing cycle begins. The grippers remain open until the printing cycle is completed. The grippers then close and the feeding bar pulls the stock into printing position over the vacuum area. The previously printed stock has been automatically delivered through the rear. The motor is magnet braked so that the press stops immediately when the current is broken. The frame can be adjusted to hairline register and from its zero position can be moved 1/2" in either direction.



The Hartfeldt Auto-Press Complete with Flight Gripper Auto-Delivery

### NOW ALSO AVAILABLE WITH AUTOMATIC FEEDER

PRICE ON REQUEST

#### MODEL 2A SPECIFICATIONS:

Printing Area ..... 24" x 30"  
Speed Range 300 - 1,500 per hr.  
Approximate Net Wt. 3,100 lbs.  
Overall Length ..... 112"  
Overall Width ..... 48"  
Overall Height ..... 48"  
Press Drive Motor ..... 2HP.

\$6,490. Crating - \$150.

#### MODEL 2B SPECIFICATIONS:

Printing Area ..... 30" x 45"  
Speed Range 300 - 1,200 per hr.  
Overall Length ..... 134"  
Approximate Net Wt. 3,900 lbs.  
Overall Width ..... 72"  
Overall Height ..... 60"  
Press Drive Motor ..... 2 1/2 HP.

\$7,950. Crating - \$200.

#### MODEL 2D SPECIFICATIONS:

Printing Area..... 44" x 64"  
Speed Range.... 250-800 per hr.  
Approximate Net Wt. 6,200 lbs.  
Overall Length..... 150"  
Overall Width..... 96"  
Overall Height..... 60"  
Press Drive Motor..... 5 HP

\$10,890. Crating - \$300.

## THE HARTFELDT STANDARD PRESS

Use Any Frame  
Adjustable Stroke



### The Hartfeldt Press Complete with All Steel Vacuum Base, Squeegee, Screen and Adjustments.

1. Prints only in one direction.
2. Prints with Flood Coating -- ideal for very quick drying colors also. In printing with glass colors when a high relief is wanted. Greater opacity.
3. Prints without Flood Coating -- The color is transported with the squeegee back to the printing position without any color being laid on the screen. In doing so the thinnest possible color coat is deposited on the printing matter. It is used in the most qualified printed works such as halftones, lacing prints, and when very fine texts are printed. Negative points do not fill in again in spite of the fact that usually thin color can be used.
4. Automatic "Off-Contact" -- A patented feature on the Hartfeldt Press. The screen rises automatically after the squeegee line contact. The highest distance between the silk and the vacuum plate is at each point where the squeegee is during the printing cycle and this is only 1/4" and therefore there is no stress on the silk. The screen rises itself gradually and has risen about 2 inches in the rear after the printing cycle is completed.

#### MODEL 1/5 SPECIFICATIONS:

Printing Area..... 30" x 45" Overall Width..... 69"  
Printing Speed 300-1,400 per hr. Overall Height..... 42"  
Approximate Net Wt. 3,100 lbs. Press Drive Power 2 HP.  
Overall Length..... 68"  
Crating - \$125.

**ADVANCE PROCESS SUPPLY CO., INC.**

CHICAGO 12, ILLINOIS U.S.A.



# AUTOMATIC CYLINDER PRESS

**MODEL NO. SPS-2535**

This German-made, tested and proven cylinder press is built for precision and speed. Heavy duty castings and durable machine parts are designed to operate continuously without wear or breakdown.

Standard Swedish or German new or rebuilt feeder equipment can be ordered with machine or installed later.

## OPERATION

Sheet is received by flight grippers and carried to the cylinder.

Grippers lock into cylinder carrying sheets across rotating surface, never releasing stock.

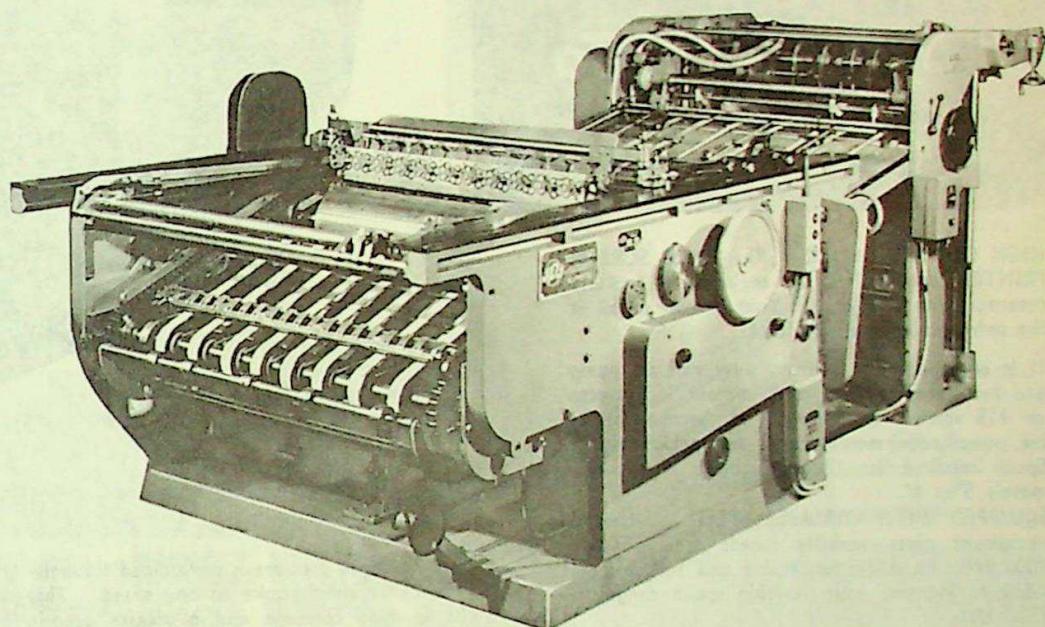
Delivery is then accomplished as the gripper releases the sheet.

\$14950.00 completely installed  
with Ellis Feeder

## Superior High Speed Sheet Printing Automatic - Full Cylinder Advantages.

PRESENT MAXIMUM SIZE: 25" x 35"

OTHER SIZES TO BE AVAILABLE



## FEATURES

- All American standard electrical specifications.
- Straight line operation.
- Grippers hold stock during printing and delivery.
- No cylinder vacuum necessary.
- Cylinder rotates in only one direction.
- Micrometer adjustments for hair-line register.
- Automatic bearing tensioners.
- Heavier stock may be printed as stock need not wrap around cylinder.
- Positive and adjustable inclined squeegee action.
- Ink flood control.

## SPECIFICATIONS

Cylinder length - 26"

5 sets of flight grippers

16 fingers per set

Screen height - 39"

Dimension of printing area - 25" x 35" max.

Inside frame measurements - 38" x 41"

Printing speed - approx. 2000 pieces per hour.

Electrical equipment - 220V AC 3-phase, 60 cycle.

Dimension of machine, including feeder - 12' long, 70" wide and 50" high

Feeder dimension - 52"



**PROCESS SUPPLY CO., INC.**

CHICAGO 12, ILLINOIS U.S.A.

# PACE SCREEN PRINTER

**Speeds Up To  
1,000 I.P.H.**

**HIGH QUALITY WORK** - The PACE SCREEN PRINTER features hair line register and uniform coverage with fine detail. Your screen detail is the only quality limiting factor.

It is equipped with a heavy duty vacuum pump and two heavy duty  $\frac{1}{3}$  H. P. motors. It operates on 115 volt A. C. current and, because of its low power requirements, needs no special wiring. Space required for these machines is approximately 5' x 6'.

**EQUIPPED WITH VARIABLE SPEED** - Standard equipment gives variable speeds from 350 to 1000 IPH. An additional pulley and belt is provided to increase your variable speed range to 1500 IPH.

**EASE OF OPERATION** - The PACE SCREEN PRINTER is very quiet and easy to feed. Three-fifths of the printing cycle is open time for feeding so the operator works easily and, thus the machine paces him steadily, to high production rates. Takes all the hard work out of screen printing and cuts operator fatigue to a minimum. After a short "get-acquainted" period the average operator will be able to produce from 750 to 1000, or more, prints per hour.

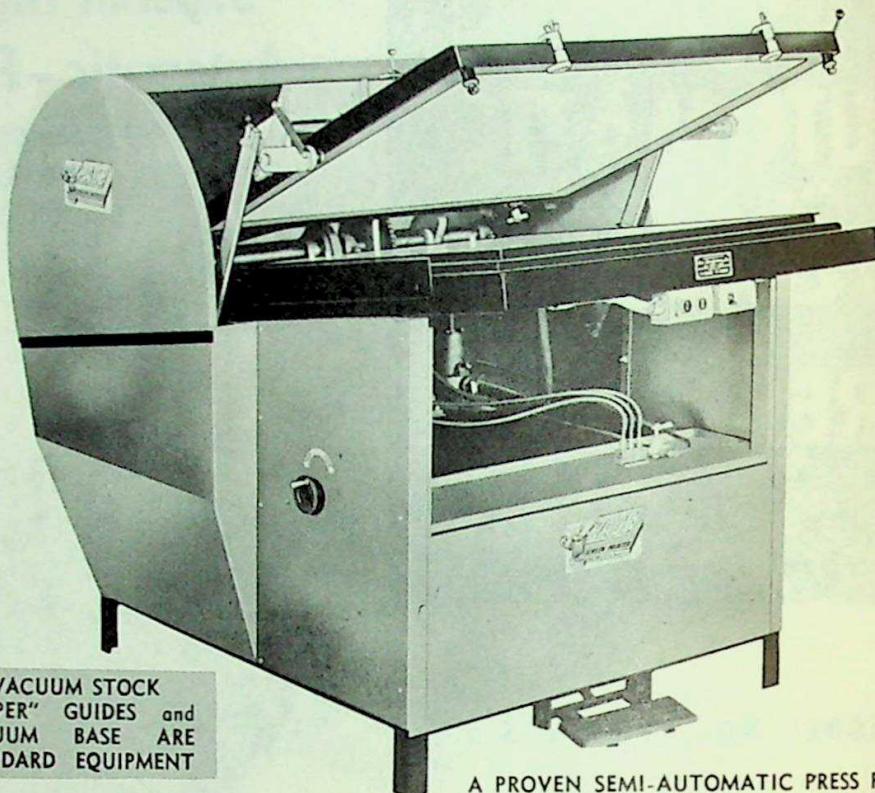
**QUICK POSITIVE REGISTRATION** - The PACE SCREEN PRINTER has quick, positive registration. A full floating spring-loaded vacuum bed is easily adjusted with special register screws which will not move after adjustment. Vacuum controlled gripper guides may be set to operate in advance of vacuum bed to enable gripper guides to properly register curled stock such as decal paper and some plastics.

**TIME SAVED IN SET-UP AND CLEAN-UP** - Five minutes is ample time to set-up a PACE SCREEN PRINTER because of its easy accessibility. Set up faster than a hand screen, or any other printing machine on the market. Easy accessibility is the answer to fast clean-up time.

**AUTOMATIC FULL FLOODING** - WITHOUT STOPPING the machine, the operator can use either single stroke, or automatic FULL FLOODING. This is VERY IMPORTANT when printing reflective, fluorescent and transparent inks or paints.

**SAVINGS ON PAINT COST — ANY TYPE** - All paints and inks normally used in hand screening may be used on the PACE SCREEN PRINTER.

**Now Available with  
AUTOMATIC DELIVERY**



A PROVEN SEMI-AUTOMATIC PRESS FOR CONTINUOUS PRODUCTION

Uniform squeegee pressure is maintained throughout the entire print stroke at any speed. This results in even coverage and a precise deposit of paint per copy. You can save 25%, up to 50%, of your paint costs per job!

**GUARANTEE** - Every PACE SCREEN PRINTER is guaranteed against defective workmanship and material for one year. In addition, PACE MANUFACTURING COMPANY feels a personal interest in owner satisfaction, and in the proper performance of its machines.

**TYPE OF WORK** - The PACE SCREEN PRINTER uses any type of ink or paint and prints on any thickness up to  $\frac{1}{2}$ ". Special printing beds are available for thicker materials, or out of the ordinary work. It will print on paper, cardboard, glass, wood, plastic, metal, and many other materials. Precise control of paint and registration permits excellent printing on embossed or flat book covers, decals and circuit printing.

**SHOP PROVEN—DURABILITY—LONG LIFE** - The PACE SCREEN PRINTER is built to last. Maintenance cost is exceptionally low. It has been shop tested in large and small shops in the middle west for the past six and a half years. All bearings are oversize sealed ball bearings, or oversize oilite bronze.

#### AVAILABLE IN 3 POPULAR SIZES

MODEL NO.	PRINTING AREA	PRICES	CRATING
1624	16" x 24"	\$ 2,975.	\$ 50.
2430	24" x 30"	\$ 3,570.	\$ 50.
3045	30" x 45"	PRICE ON REQUEST	

#### OUTSTANDING FEATURES

1. High quality work.
2. Full 16" x 24" printing area model.  
Full 24" x 30" printing area model.  
Full 30" x 45" printing area model.
3. Quick make ready.
4. Quick, positive registration on spring loaded, free floating vacuum bed.
5. Variable Speeds from 350 to 1000 IPH.
6. Flexibility . . . will handle all stocks, glass, plastic, leather, wood, paper, metal; etc.; up to  $\frac{1}{2}$  in thick, paints and inks normally used in hand screening.  
Special bases available for thicker materials.
7. Minimum clean up.

#### LOW MAINTENANCE

#### ONE MAN OPERATION

#### AUTOMATIC FULL FLOODING AT OPERATOR'S OPTION

#### VACUUM CONTROLLED GUIDES, PLAIN OR GRIPPER.

#### OPEN FEED TIME IS THREE-FIFTHS OF PRINTING CYCLE

#### AUTOMATIC PUSH-BUTTON CONTROL

#### AUTOMATIC BRAKE MOTOR FOR INSTANT STOPS

#### SEVERAL COLORS MAY BE PRINTED AT ONE TIME, COPY PERMITTING.

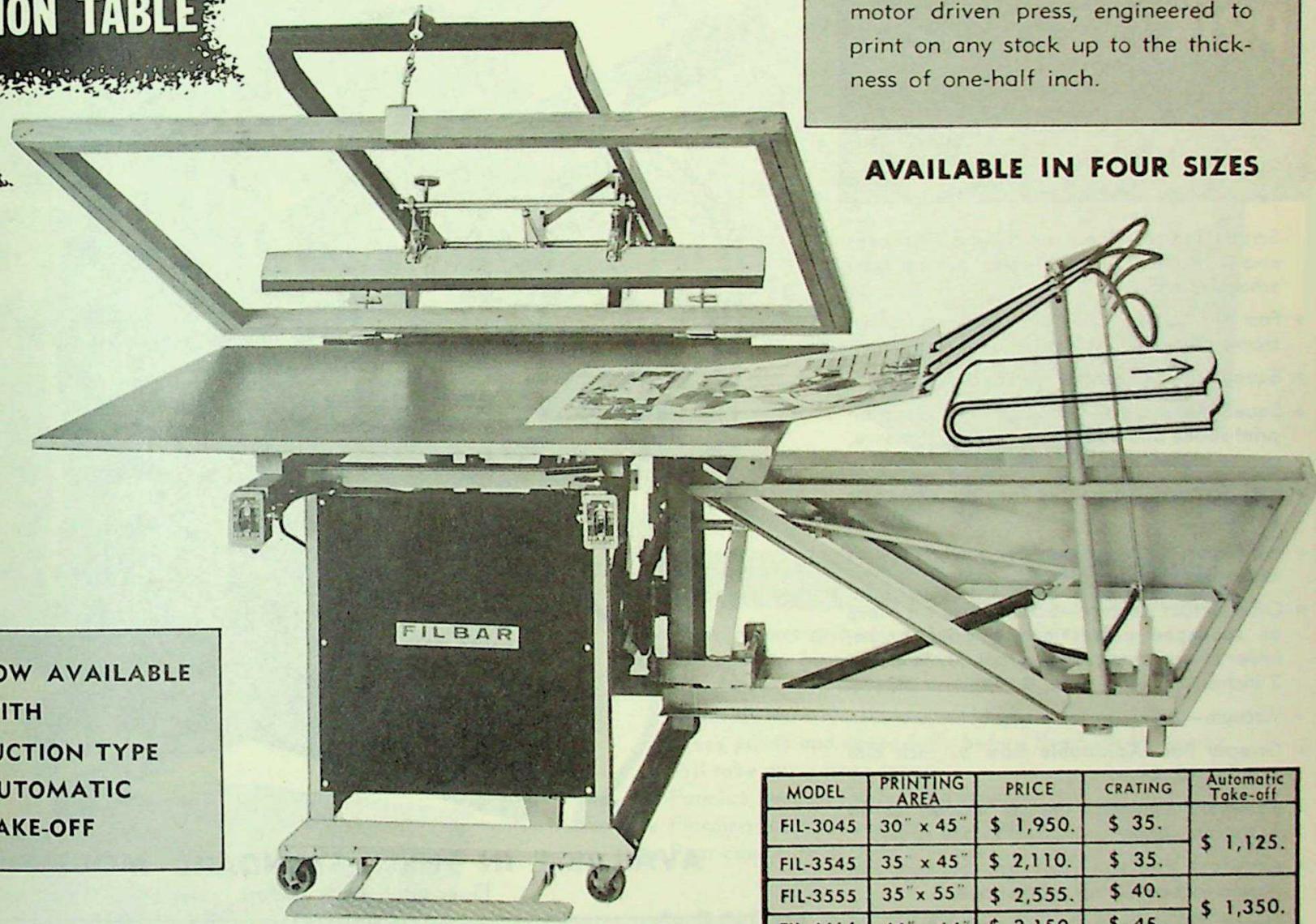
#### OPERATES ON 115 VOLT A. C.

**ADVANCE PROCESS SUPPLY CO., INC.**  
CHICAGO 12, ILLINOIS U.S.A.

# FILBAR SCREEN PRINTER with HIGH VOLUME SUCTION TABLE

*Low Initial and Operational Costs*

**HIGHLY PRODUCTIVE**



NOW AVAILABLE  
WITH  
SUCTION TYPE  
AUTOMATIC  
TAKE-OFF

**ADJUSTABLE SQUEEGEE  
STROKE**

Improve your screen process production with this highly adaptable motor driven press, engineered to print on any stock up to the thickness of one-half inch.

**AVAILABLE IN FOUR SIZES**

MODEL	PRINTING AREA	PRICE	CRATING	Automatic Take-off
FIL-3045	30" x 45"	\$ 1,950.	\$ 35.	
FIL-3545	35" x 45"	\$ 2,110.	\$ 35.	\$ 1,125.
FIL-3555	35" x 55"	\$ 2,555.	\$ 40.	
FIL-4464	44" x 64"	\$ 3,150.	\$ 45.	\$ 1,350.

✓ **CHECK This full compliment of EXCLUSIVE "FILBAR" FEATURES**

- Simplified set up and clean up make this machine practical for even the shortest runs. Screen may be left in press for clean up or adhering.
- Floating "FILLER BAR" coats screen evenly to insure complete coverage and eliminates dribble marks.
- Squeegee prints one way for hairline registration.
- Cam controlled cycling designed for maximum open time.
- Continuous, variable speed drive with simplified speed control allows from 450-900 impressions per hour. (as fast as the operator can feed)
- Sturdy, durable table top is rigid, level and stationary for easy make ready.
- Register front or back wth any type of guide.
- High vacuum hold down for off contact printing is standard equipment.
- Convenient electro-magnetic brake applied by extra large treadle will stop press instantly during any part of cycle.
- Adjustable Squegee assembly allows squeegee pressure to be varied to meet job requirements.
- Squegee pressure remains constant during entire printing stroke.
- Casters provide easy mobility of the entire machine.
- Special installations are not needed, just plug it in to any adequate 110 V. AC line.

**ADVANCE PROCESS SUPPLY CO., INC.**

CHICAGO 12, ILLINOIS U.S.A.

# NEW ECON-O-MATIC SCREEN PROCESS PRINTER

- Screen Frames—Plain rigid type, inexpensive to make. Floating frames can be used when desired.
- Fast Set Up—Requires only minutes, screen frame adjustable  $\frac{1}{2}$  inch in either direction.
- Squeegee—Hand type, no specials to buy.
- Squeegee Action—Smooth, one direction print stroke and adjustable uniform pressure, assure highest quality printing.
- Easy To Feed—Large, flat face disappearing guides.
- Ink Supply Unit—Adjustable, controls ink to squeegee for each print stroke.
- Off Contact Feature—Screen lifts off work as squeegee passes during print stroke; lower end of screen rises gradually to about 2 inches.
- Vacuum—Sufficient for any job.
- Gripper Bar—Adjustable from  $\frac{1}{4}$  inch bite to edge of sheet.
- Automatic Delivery—On all models at no extra cost. Easily connected to any dryer.
- Accurate Register Assured—Screen and platen locked during print stroke.
- Flood Attachment—Coats screen prior to printing stroke for heavier deposit, eliminating dribble effect and streaks.
- Magnesium Base—Assures flatness, will not chip or warp. Easily removed to clean vacuum chamber.
- Variable Speed Control.
- Safety "Stop" Switch.
- Rugged Construction—Heavy cast-iron frame and highest quality parts assure continuous trouble-free service.

ESPECIALLY BUILT FOR FAST QUALITY PRODUCTION ON:

- STEEL BLANKS
- MASONITE
- CARDBOARD
- HEAVY PAPER

ALL PRESSES HAVE  
BUILT-IN REAR DELIVERY



AVAILABLE IN THREE STANDARD MODELS

(Specials built to order)

SPECIFICATIONS		
MODEL 1522	MODEL 2230	MODEL 3044
Print area.....15" x 22"	Print size.....22" x 30"	Print size.....30" x 44"
Speed range....750-1600 I.P.H.	Speed range....700-1400 I.P.H.	Speed range....550-1200 I.P.H.
Motor.....1 H.P. 115-230 V.	Motor.....1½ H.P. 220-440 V.	Motor.....2 H.P. 220-440 V.
Floor area.....3 x 6 ft.	Floor area 4½x8 ft. with conveyor	Floor area 6x12 ft. with conveyor
Approx. net wt.....600 lbs.	Approx. net wt.....1800 lbs.	Approx. net wt.....2200 lbs.
*Off contact feature optional.		
<b>\$3,650.</b>	<b>\$5,400.</b>	<b>\$6,500.</b>
CRATING - \$ 50.	CRATING - \$ 65.	CRATING - \$ 75.



PROCESS SUPPLY CO., INC.

CHICAGO 12, ILLINOIS U.S.A.

**ALL MECHANICAL - no air**

# M & M AUTOMATIC PRESSES

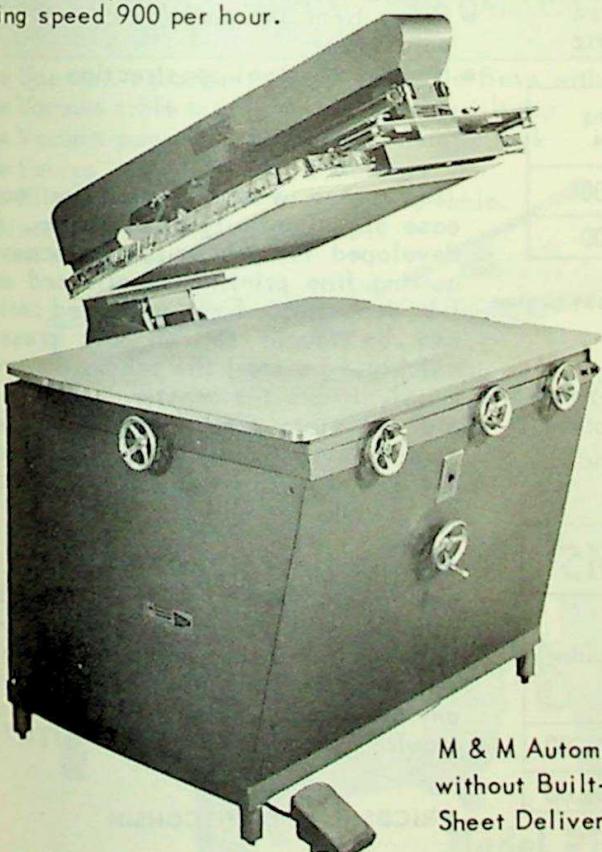
M & M Automatic Press  
with Built-In Automatic  
Sheet Delivery

## 2 MOST POPULAR SIZES

25" x 38"    35" x 45"

### WITH AND WITHOUT BUILT-IN SHEET DELIVERY

Years of experience in building presses has gone into the design and manufacture of these high speed units. They are very productive and versatile presses incorporating features that make for maximum accuracy and efficiency. An inherently trouble-free mechanical principle assures dependable and continuous operation. Other features include quick make-ready with any screen frame and positive vacuum. Average printing speed 900 per hour.



M & M Automatic Press  
without Built-In Automatic  
Sheet Delivery



**WILL PRINT FROM 8½" x 11" TO FULL SIZE ON ANY MATERIAL UP TO ½ INCH THICK**

- Positive sure-grip automatic take-off device
- 22" opening for easy feed
- Speed infinitely variable to 1200 I.P.H.
- Infinitely variable squeegee stroke
- Press prints and opens fully before flood stroke begins
- Will take any screen frame
- Formica vacuum top holding area
- Floating table for registry adjustment
- Foot control to start or stop press at any point of cycle

### 2 POPULAR SIZES AVAILABLE

MODEL NO.	PRINTS UP TO	PRICE* WITHOUT TAKE-OFF	PRICE* WITH TAKE-OFF	CRATING (with or without take-off)
A1	25" x 38"	\$3600.00	\$4350.00	\$ 80.00
A2	35" x 45"	4200.00	4950.00	100.00

\*INCLUDES: Press, vacuum top, vacuum pump, squeegee and flood bar assembly, and one screen frame (no silk.)

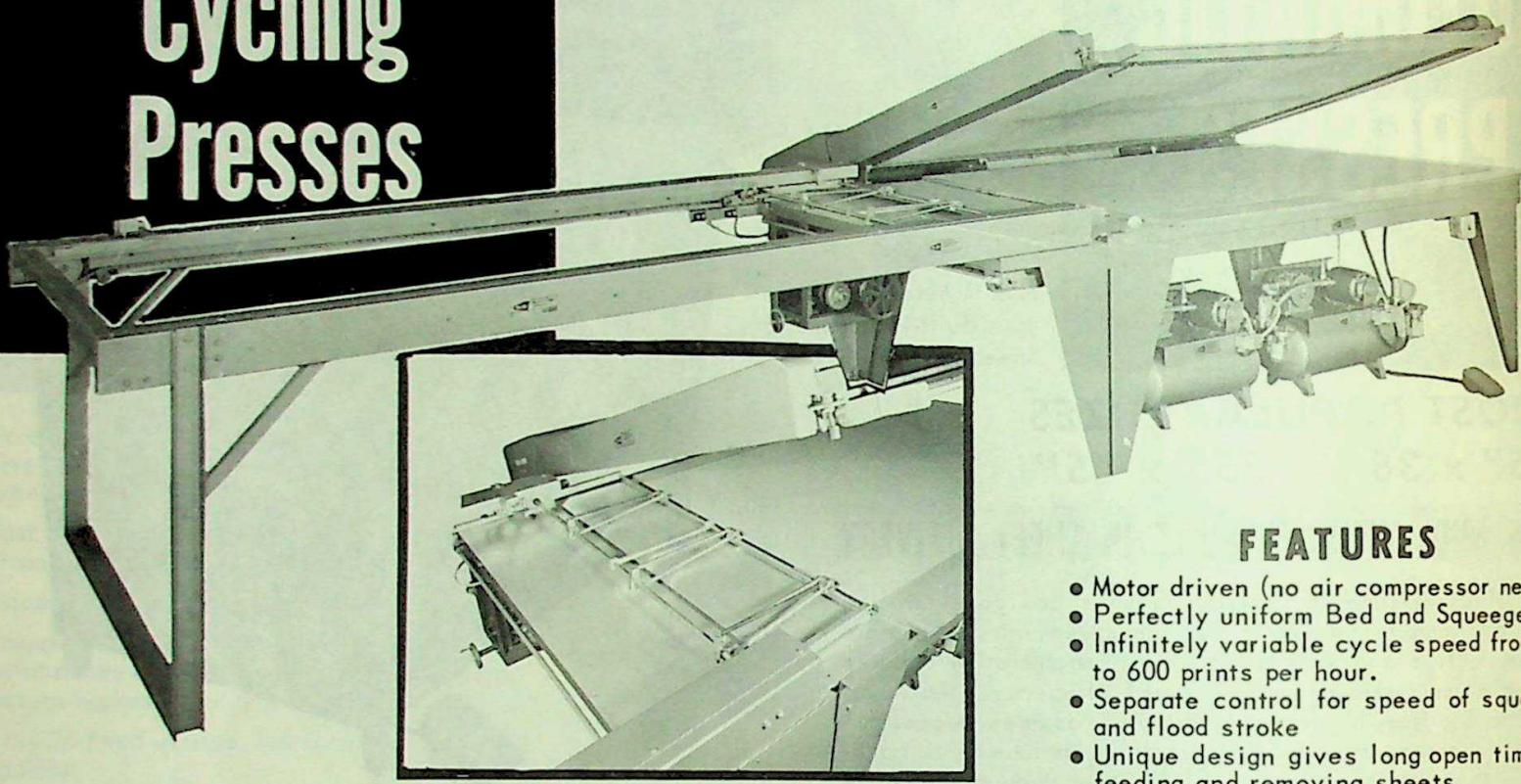
**ADVANCE PROCESS SUPPLY CO., INC.**

CHICAGO 12, ILLINOIS U.S.A.

# M&M Automatic Cycling Presses

Available in 2 Popular Large Sizes:

44" x 64"      52" x 80"



Take-off gripper detail. Take-off illustrated is attached to Model CP, 52" x 80" automatic

## FEATURES

- Motor driven (no air compressor needed)
- Perfectly uniform Bed and Squeegee
- Infinitely variable cycle speed from 100 to 600 prints per hour.
- Separate control for speed of squeegee and flood stroke
- Unique design gives long open time for feeding and removing sheets
- Prints from .005 to 1" thick with simple adjustment
- Rugged all steel construction

Model	Printing Size	Price Without Automatic Sheet Take-off	Crating Extra	Automatic Sheet Take-Off	Crating Extra
BP	44" x 64"	\$4700.00	\$125.00	\$2750.00	\$25.00
CP	52" x 80"	\$5250.00	\$150.00	\$2850.00	\$25.00

SERVICE for setting-up equipment and training your personnel available at slight cost charge

Presses come complete with Vacuum Base, Vacuum Pump, (Vacuum Cycle Automatic), Squeegee Assembly, Flood Coater, One Screen Frame, all motors and controls. Double stroke feature necessary only for printing paper stencils may be incorporated into above equipment for additional \$1000.00.

## ACCESSORY AND REPLACEMENT ITEMS

Model	Squeegee Assemblies Complete (Includes Squeegee Blade and Flood Bar)	Crating	Squeegee Blade Assemblies (Includes face plate, backing and block rubber)	Flood Bars Only	Screen Frames Including Hardware	Crating
BP	\$215.00	\$5.00	\$39.75	\$17.25	\$42.50	\$7.00
CP	\$250.00	\$6.00	\$49.00	\$21.00	\$48.00	\$8.00

This press was designed for maximum ease and simplicity of operation. It was developed for the critical processor requiring fine printing details and uniform ink deposits. Even untrained persons can be taught to run this press very quickly. To start the press, the operator merely flicks the master switch to operate the motor and controls. The fast switch starts and stops the automatic cycle in any position for single copy setup work.

AUTOMATIC TAKE-OFF DEVICE. This device effectively utilizes the speed which these presses are capable of printing. The take-off will strip off a material from .003" to 1/4" thick without any adjustments. Positive Gripper action requires a minimum edge for "BITE".

PRICES F. O. B. WISCONSIN

## Adjustable Tilt-Top

# ONE MAN SQUEEGEE PRINTER

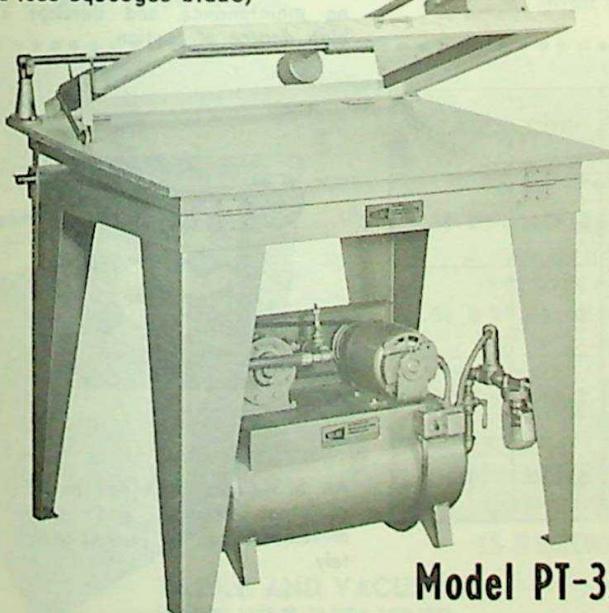
American offers, these products, as a full line of manually operated, complete printing units. They are ruggedly built of quality materials for years, and years of maintenance-free service. The units are highly versatile. Their design is such that they can handle a wide variety of jobs with speed, efficiency and accuracy.

The complete unit features a heavy duty tilt-top steel table that can be tilted to any desired angle without affecting screen counter-weighting or squeegee adjustments.

### THE COMPLETE MANUAL PRINTING UNIT CONSISTS OF THE FOLLOWING:

- One-man squeegee
- Vacuum table top
- Vacuum pump
- Valves
- Filters
- Steel table Base with adjustable tilt top
- Accumulator tank
- Mufflers
- Hose to table.

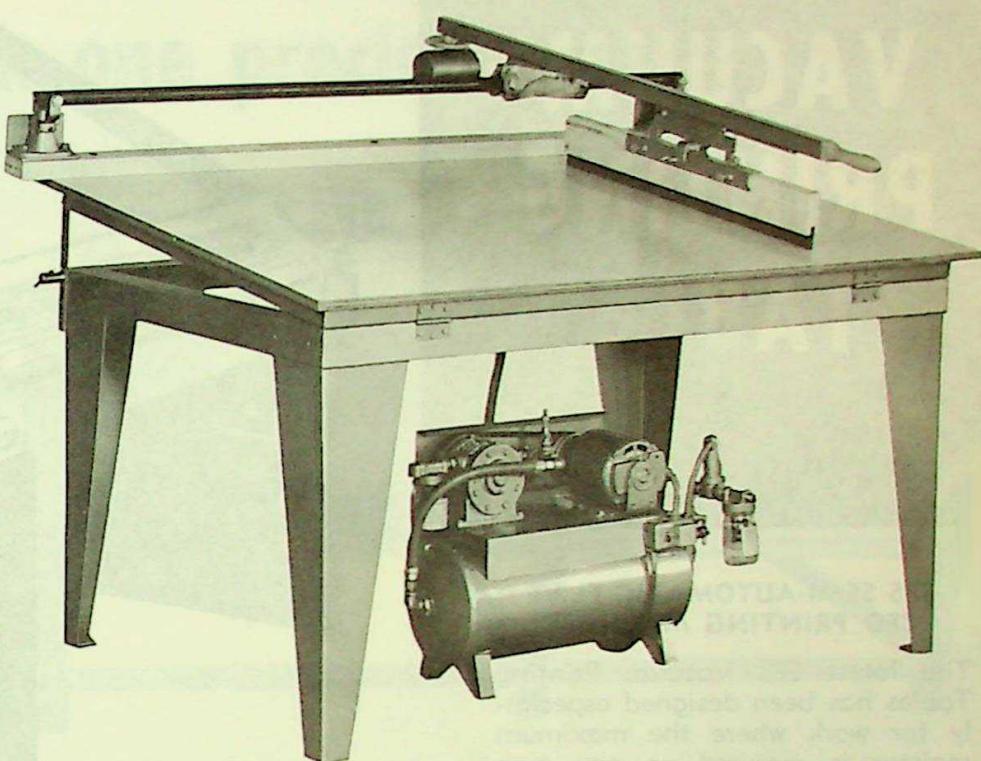
(Ready to print -- less screen mesh and less squeegee blade)



Model PT-3545

## FOUR STANDARD MODELS

(larger sizes built on request)



Model PT-2230

22" x 30" VACUUM HOLDING AREA

### MINIMUM SET-UP AND WASH UP TIME CHECK THESE EXCLUSIVE FEATURES:

- New Type counterweighting system allows screen to stay at any desired degree of opening -- will not jump to open position.
- Squeegee rubber stays on silk in all positions of raising and lowering screen to eliminate paint dribble.

MODEL	VACUUM HOLDING AREA	PRICE	CARTING
PT-2230	22"x30" (overall size of printing base: 36"x45")	\$ 595.00	\$12.00
PT-3545	35"x45" (overall size of printing base: 48"x70")	835.00	15.00
PT-4464	44"x64" (overall size of printing base: 60"x96")	935.00	19.00
PT-5080	50"x80" (overall size of printing base: 60"x108")	1,475.00	40.00

LARGER SIZES UPON REQUEST

Traveling Screen Clamp for use with PT-3545, PT-4464, and PT-5080 Manual Units: 70 inch - \$42.50 - 90 inch - \$45.50.

**ADVANCE PROCESS SUPPLY CO., INC.**

CHICAGO 12, ILLINOIS U.S.A.



# VACUUM PRINTING TABLE

## SPS SEMI-AUTOMATIC FLAT BED PRINTING MACHINE

The latest SPS Vacuum Printing Tables has been designed especially for work where the maximum register is required on any type sized sheet. The machine has been constructed with the utmost precision and its performance is truly remarkable.

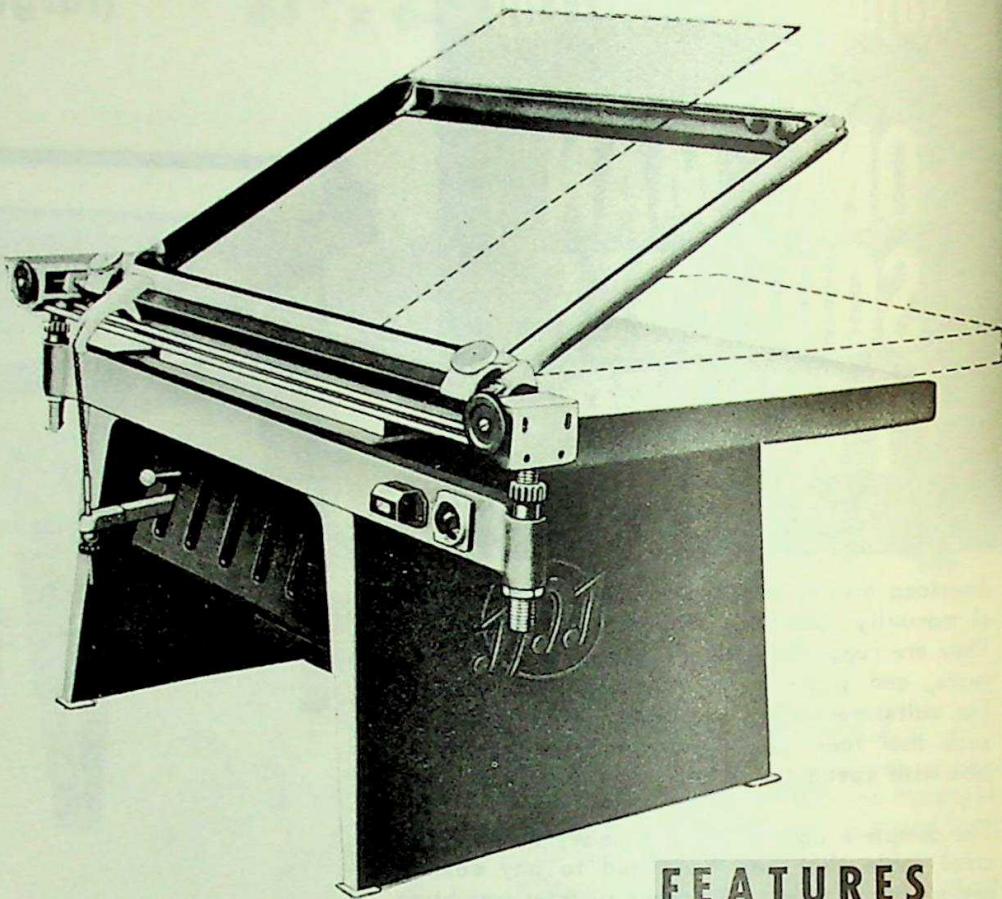
Special design of the printing base have been designed and these are aided by the very efficient suction system given by the SPS vacuum turbine. Material even in bowed condition becomes completely flat, due to the strength of the excellent vacuum suction.

The machine is provided with the accurate and well-tried precision micrometer adjustment supplied with other SPS models.

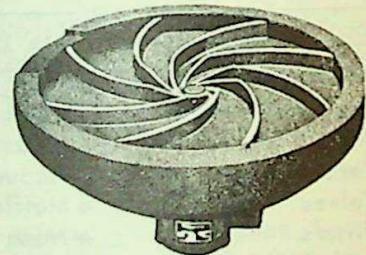
The electrical foot switch which operates the up and down movement of the frame can be positioned at any spot to suit the operator's convenience and therefore ensures that one man can operate this machine.

SPS semi-automatic screen printing machines combine all the technical improvements relevant to screen printing — Micrometer Register Control, variable screen height, special screen clamps, compensated vacuum base, and the SPS vacuum

A HEAVY DUTY PRINTING TABLE Built to Rigid Precision PRINTING REQUIREMENTS.



## FEATURES



unit are some of the unique features of this machine. In addition, we now offer a printing base adjustable to any desired angle of tilt to assist even ink distribution when printing large areas.

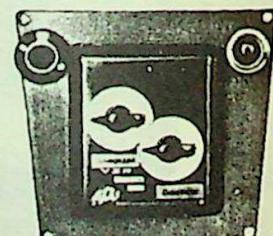
The electrical foot switch which operates the up and down movement of the frame can be positioned at any spot to suit the operator's convenience and therefore ensures that one man can operate this machine.

\*Available in Tilt-Tip Table.

MODEL	SIZE OF VACUUM AREA	SIZE OF PRINTING BASE	WEIGHT	PRICE	CRATING
SPS 1722	17" X 22"	22" X 28"	418 LBS.	\$1425.	\$ 50.
SPS 2430	24" X 30"	30" X 36"	495 LBS.	\$1610.	\$ 60.
SPS 3545	35" X 45"	42" X 52"	735 LBS.	\$1850.	\$ 95.
*SPS 4258	42" X 58"	48" X 64"	960 LBS.	\$2350.	\$110.

Normal electric supply 110 volt,  
3 phase 60 cycles A. C.

The SPS vacuum-turbine requires no maintenance and develops a high degree of suction.



An SPS timing unit can be fitted so that feeding and printing movements can be pre-set separately.

**ADVANCE** PROCESS SUPPLY CO., INC.  
CHICAGO 12, ILLINOIS U.S.A.

# Golia and Golia, Jr. One Man Squeegees

AVAILABLE IN  
THREE SIZES:  
**36" x 52"**  
**52" x 84"**  
**60" x 144"**

The Golia was designed and engineered to enable even inexperienced operators to produce top quality work. It is assembled of quality materials with all the care and precision of a fine watch, yet its inherent ruggedness assures years of dependable, trouble-free service.

Micrometer adjusting screws with crank handles are among its many features. These screws allow quick and easy adjustment for thickness of stock to be printed (up to 4"). This feature also permits accurate and swift off-contact adjustment. There is no need to shim up hinge clamps on this table attachment. Frame holding brackets can be adjusted to take different length frames.

## GOLIA one man squeegee and table attachment combined in one precision unit!

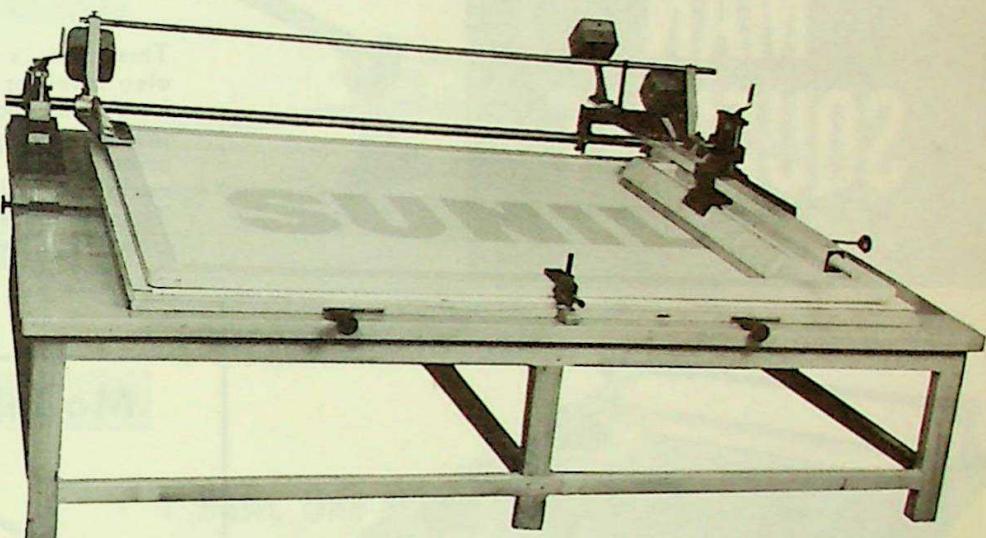


TABLE AND VACUUM BASE NOT INCLUDED

COUNTERBALANCED SQUEEGEE AND SCREEN. Counterbalancing is independent yet correlated. Operator needn't touch screen frame which is raised and lowered by corresponding movement of squeegee handle. Counterbalancing is adjustable.

NO INK DRIP. Squeegee does not lift off screen when frame is raised.

ADJUSTABLE SQUEEGEE HOLDING BRACKET. Bracket is easily and quickly adjusted for desired printing angle.

MOVABLE ASSEMBLY. Complete assembly can be moved forward or backward approximately 28 inches. This feature provides for easier and faster registration when operator prints at front of table with smaller frames.

## GOLIA JR.

Price includes all hardware for adjustable base, squeegee holder, stops, and adjustable screen holders.

PRICE \$349.00  
CRATING \$15.00

AVAILABLE IN THREE SIZES

SIZE	PRICE	CRATING
36" x 52"	\$450.00	\$15.00
52" x 84"	495.00	25.00
60" x 144"	565.00	35.00

Above prices include all hardware for adjustable base, squeegee holder, stops, and adjustable screen holders.

FEATURES, SPECIFICATIONS, AND DATA ARE THE SAME AS FOR THE GOLIA, ABOVE EXCEPT THAT THE GOLIA, JR. IS RECOMMENDED FOR PRINTING SIZES UP TO 22" x 30"

TABLE AND VACUUM  
BASE NOT INCLUDED



**ADVANCE** PROCESS SUPPLY CO., INC.

CHICAGO 12, ILLINOIS U.S.A.



# ONE MAN SQUEEGEE

**Lowest Priced Popular Model  
for Printing 22" x 30" Stock**



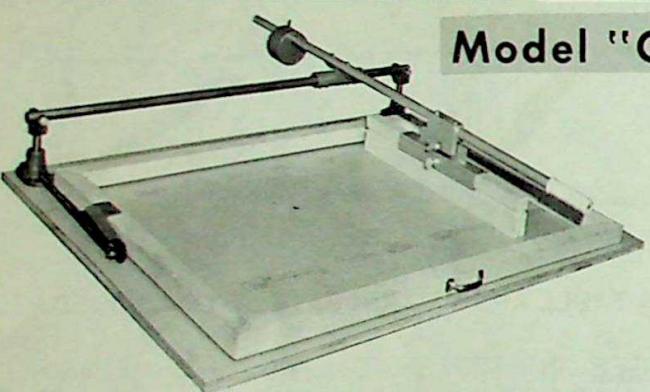
**Model "O"**

This unit is the perfect answer for the small shop; it's also ideal for small odd lot jobs in large shops. The design is simple and straight forward providing maximum ease of operation. Fast, accurate screening at a low price is the prime feature of this unit. Equipped with linear type self-contained ball bearings for longer life without lubrication. The completely adjustable arm glides smoothly and effortlessly over the screen for extremely accurate printing.

PLAIN ONE-MAN SQUEEGEE (NO PRINTING BASE)

Price **\$135**

**Model "OP"**

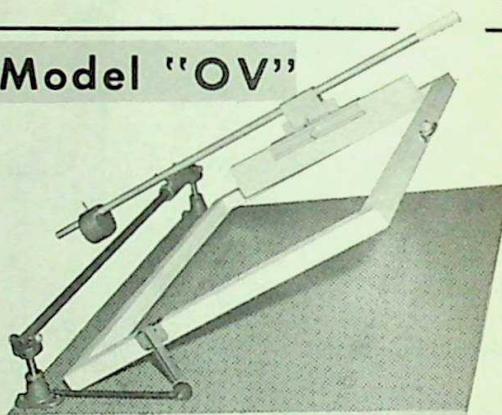


One Arm Squeegee with plain formica printing base and screen (no vacuum). Overall size of frame  
Printing Base: 36" x 45".

Price **\$190**  
Crating \$4.00

One Man Squeegee with Plain Base and Sidekick  
Printing Size - 22" x 30"

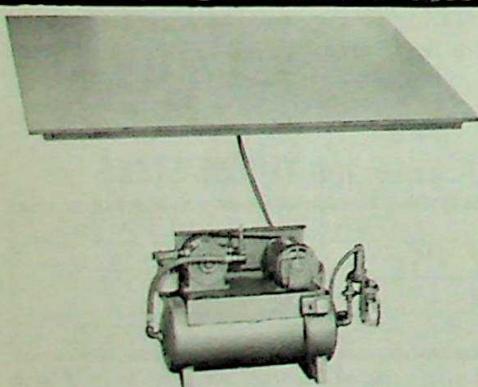
**Model "OV"**



One Man Squeegee with Vacuum Base, Screen frame and sidekick.  
Overall size of Printing Base: 36" x 45". Vacuum Holding Area: 22" x 30". Vacuum Pump and Motor Extra.

Price **\$245**  
(No Squeegee Blade included in above) Crating \$4.00

## VACUUM PRINTING BASES — FOUR STANDARD MODELS



**VACUUM PRINTING BASES.** Vacuum Table Tops are constructed of formica bonded under extreme pressure and heat to seasoned waterproof plywood to form an extremely solid and flat printing surface. To assure lasting flatness, a heavy duty angle iron steel base is securely fastened to the underside of the table top. A minimum vacuum chamber was designed and built into this base to insure instant hold and quick release for higher production.

**VACUUM PUMPS.** All pumps are sized properly for corresponding vacuum bases listed below. They are complete with 1/2 or 1 H.P. extra heavy duty motor, vacuum pump and accumulator tank, muffler, filters and hose ready to use.

**FORMICA VACUUM BASES  
WITHOUT STEEL BASE  
SUPPORTS  
REINFORCING SUPPORTS**

MODEL	PRICE	CRATING
VBP-2230	\$ 90.00	\$ 4.50
VBP-3545	\$135.00	\$ 6.95
VBP-4464	\$195.00	\$ 9.50
VBP-5080	\$350.00	\$12.50

MODEL	VACUUM HOLDING AREA	TABLE SIZE	VACUUM PUMP ONLY	VACUUM PUMP CRATING	VACUUM TABLE TOP	VACUUM TABLE TOP CRATING	COMPLETE TOP AND PUMP	CRATING FOR TOP AND PUMP
VB-2230	22" x 30"	36" x 45"	\$235.00	\$4.80	\$125.00	\$4.50	\$360.00	\$ 9.30
VB-3545	35" x 45"	48" x 70"	\$235.00	\$4.80	\$185.00	\$6.95	\$423.00	\$11.75
VB-4464	44" x 64"	60" x 96"	\$235.00	\$4.80	\$255.00	\$9.50	\$490.00	\$14.60
VB-5080	52" x 80"	60" x 108"	\$330.00	\$5.10	\$500.00	\$12.50	\$830.00	\$22.10

ALL VACUUM TOPS HEAVILY REINFORCED ON BACK SIDE WITH STEEL SUPPORTING FRAMEWORK

NOTE: We make no guarantee for warpage on unsupported bases.

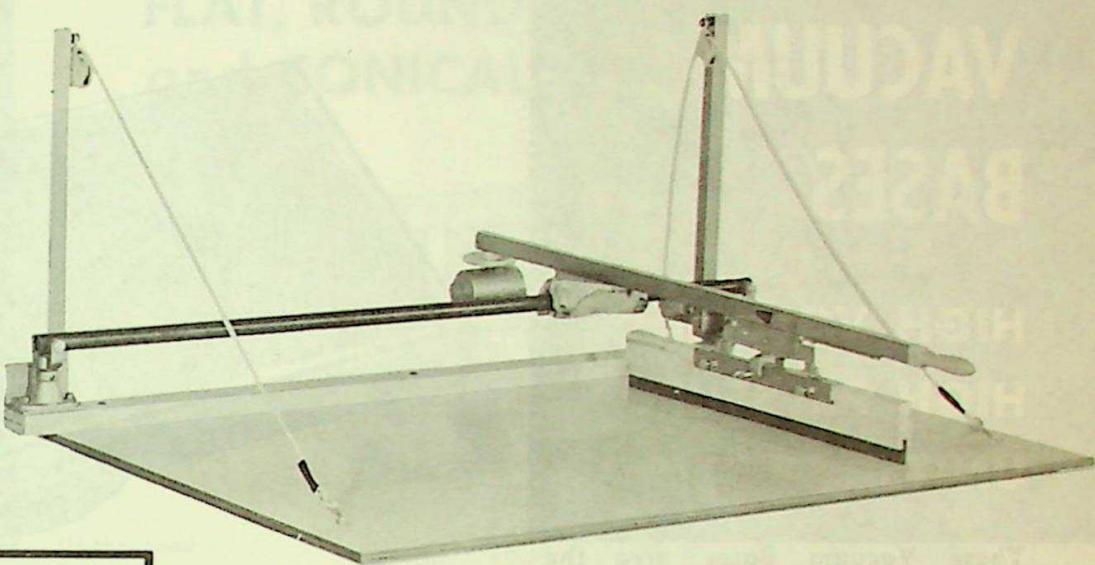
**ADVANCE PROCESS SUPPLY CO., INC.**

CHICAGO 12, ILLINOIS U.S.A.



# ONE MAN SQUEEGEES

All Units Completely Adjustable



- IDEAL FOR FAST, LOW COST SCREENING.
- EASILY ADAPTS TO ANY EXISTING TABLES.
- AVAILABLE IN THREE PRINTING SIZES.
- SMOOTH, POSITIVE ACTION ON EVERY STROKE.
- BALL AND ROLLER BEARING CONSTRUCTION.
- HIGHLY VERSATILE, YET INEXPENSIVE.

Illustration above shows One-Man Squeegee with base which is optional....not included in prices shown below.

## Basic One Man Squeegee (without base) PRINTS FROM .001 TO 1 INCH THICK

American 1-Man Squeegees are the most versatile and inexpensive on the market today. Processors all over the world will testify to their top efficiency. Over 2000 are in daily use in the United States alone.

These One Man Squeegees are ruggedly built and feature full ball and roller bearing construction for years of trouble free service. This unit will provide fast, accurate screening at a very low cost.

Simplicity of operation is basic in the design of this unit. Action is smooth, positive, and foolproof, and these squeegees will easily adapt to any existing tables.

### THREE STANDARD SIZES AVAILABLE

MODEL	PRINTS UP TO	PRICE	CRATING
AA	36" x 52"	\$225.00	\$5.10
BB	52" x 84"	\$249.00	5.90
CC	56" x 124"	\$345.00	6.50

SQUEEGEE BLADE  
EXTRA

THESE SQUEEGEES INCLUDE ALL HARDWARE FOR COUNTERWEIGHTING SCREENS



**ADVANCE PROCESS SUPPLY CO., INC.**

CHICAGO 12, ILLINOIS U.S.A.



# VACUUM BASES

## HIGH VOLUME-HIGH PRESSURE UNITS

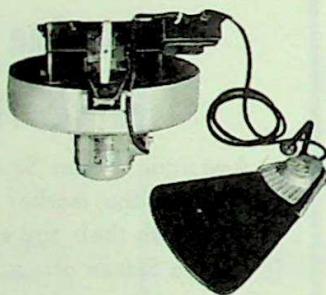
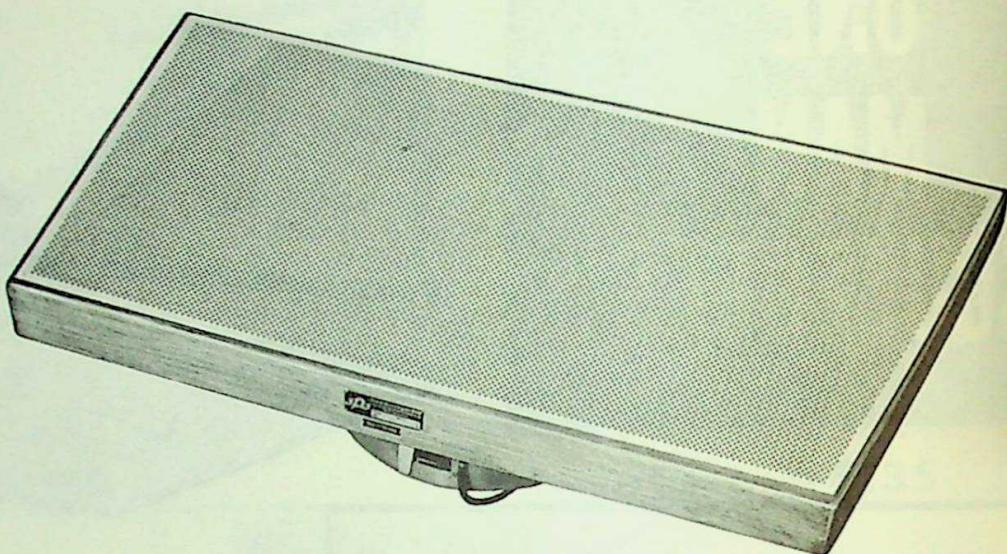
These Vacuum Bases give the most perfect results used in combination with Table Attachments listed below.

Precision-made German vacuum bases with absolutely level surfaces, never warp or distort.

Comes equipped with a specially built-in vacuum turbine unit which requires no maintenance and develops a high degree of vacuum. A foot switch is provided to operate the magnetic vacuum port valve.

This is easily the finest vacuum system available on any screen printer or vacuum base. Even the most curled or bowed stock is easily flattened by this powerful vacuum.

**UNSURPASSED FOR DECAL, SCOTCHLITE AND OTHER STOCK REQUIRING PERFECTLY FLAT BASES AND POWERFUL VACUUM**



The SPS vacuum-turbine requires no maintenance and develops a high degree of suction.

SIZES AVAILABLE	PRICES	STAND	CRATING
MODEL A Overall size of printing base- 38-1/4" x 47-3/8". Vacuum area - 24" x 30".	\$ 650.	\$95.	\$ 35.
MODEL B Overall size of printing base- 48-1/4" x 60". Vacuum area - 35" x 45".	\$ 725.	\$125.	\$ 45.
MODEL C Overall size of printing base- 50-1/2" x 84". Vacuum area - 44" x 64".	\$ 850.	\$165.	\$ 75.
MODEL D Overall size of printing base- 60-3/4" x 96-1/4". Vacuum area - 52" x 80".	\$ 925.	\$210.	\$95.

## TABLE ATTACHMENTS

THE MOST PRECISE GERMAN-MADE UNIT FOR

- SCREEN ATTACHMENT ● MICROMETER REGISTRATION ● COUNTER BALANCE

This Table Attachment is the finest of its kind, has an outstanding performance and embodies the following special features:

- 1 — It is equipped with main shaft, to which the frames of all types and sizes can be fixed.
- 2 — The special clamps for fixing the frames to the shaft enables a very quick change of frames to be made.
- 3 — A very solid and accurate micrometer adjustment is provided which is three-dimensional. This adjustment allows for a thickness of printed matter varying up to a maximum of 4"



MODEL 15A: maximum length of frame: 25-1 2" minimum length of bench: 39-1 2" net weight: 110 lbs.	\$ 395.	MODEL 15C: maximum length of frame: 61" minimum length of bench: 68-7/8" net weight: 154 lbs.	\$ 465.
MODEL 15B: maximum length of frame: 46-7/8" minimum length of bench: 55-1/8" net weight: 128 lbs.	\$ 435.	MODEL 15D: maximum length of frame: 82-3/4" minimum length of bench: 90-5/8" net weight: 196 lbs.	\$ 495.

FOR ALL MODELS: CRATING-\$15.

FOR ALL MODELS:  
Range of micrometer  
adjustment in all directions 1-3/4"  
Height adjustment 4"



**ADVANCE PROCESS SUPPLY CO., INC.**

CHICAGO 12, ILLINOIS U.S.A.

# DUBUIT UNIVERSAL SCREEN PRINTER

MODEL D-150

This machine was designed and developed to fill the need for a multi-purpose screen printer of wide capabilities. Its versatility is amazing. It can print any product, container or package of practically any shape or surface from a two inch tube up to a maximum object size of a 5 gallon pail. (13" printing surface)

Attachments are available to equip the machine for any given product or package screen printing job. The object can be oval, round, conical, square, flat or tapered.

Attachments are easily put on or taken off, and in a matter of minutes the machine can be changed to print objects of completely different shapes. The machine is ideal for commercial screen shops or industrial firms where a variety of objects are to be imprinted or decoratively finished. This machine is quick, efficient and simple to setup.

## Model D-150 Can Be Equipped To Print On:

- Round and oval glass, metal and plastic bottles and tumblers.
- Flat and cylindrical metal containers
- Extra large cylinders
- Circular flat objects
- Tube shaped objects of every variety
- Odd-shaped flat objects
- Tapered oval objects

## SPECIFICATIONS MODEL NO. D-150 WITH PROPER ATTACHMENTS

### FLAT SURFACES

Maximum Printing Area ..... 12" x 12"

### CYLINDRICAL SURFACES

Maximum Printing Stroke ..... 12"

Height of Print ..... .8"

Maximum Diameter ..... 12"

### CONICAL SURFACES

Maximum - Maximorum - Angle of inclination ..... 10°

Maximum Radius of Curve ..... 12"

Maximum Diameter ..... .4"

Capacity ..... 2500 per hour

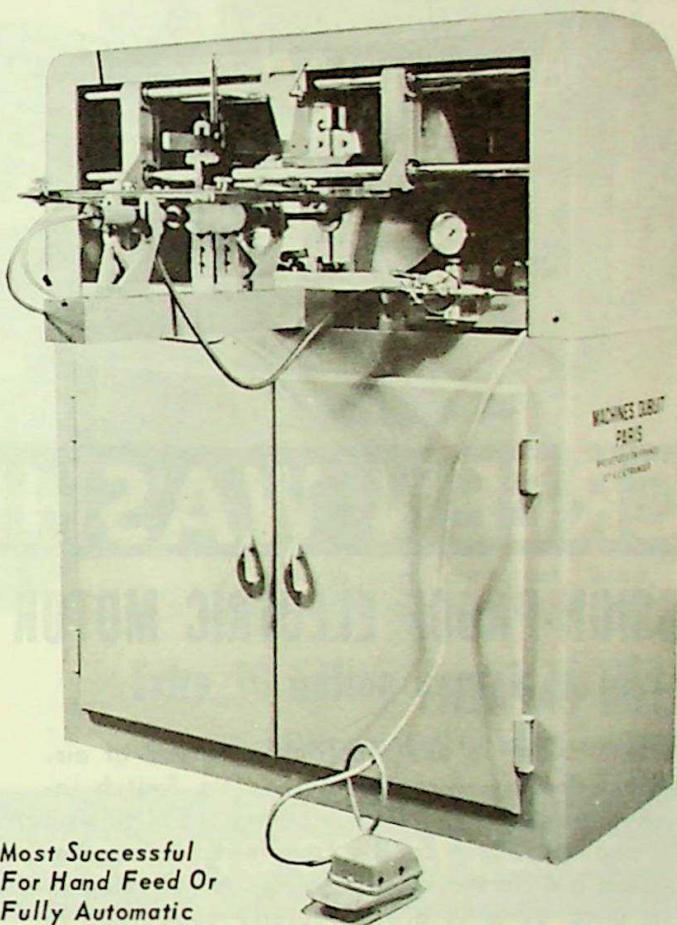
Motor ..... 1/2 H.P.

Weight ..... 330 lbs.

Floor Area ..... 40" x 44"

Height ..... 60"

For Printing on . . .  
FLAT, ROUND, OVAL, TAPERED,  
and CONICAL OBJECTS



Most Successful  
For Hand Feed Or  
Fully Automatic  
Operation

**Model No. D-150 Basic Machine . . . . . \$2524.80**

**Base Cabinet Standard Shelves . . . . . \$195**

**Crating Extra - \$75**

No. D-150-RW	Roller Wareholders	\$ 97.00
No. D-150-RWL	Roller Wareholders for larger objects	195.00
No. D-150-CPC	Chuck and Counterpoint Carriage	298.00
No. D-150-ARD	Automatic Registration Device	913.00
No. D-150-OF	Oval Fixture	163.00
No. D-150-OFU	All-Purpose Oval Fixture	360.00
No. D-150-ID	Inflating Device	82.00
No. D-150-OC	Adjustable Carriage	85.00
No. D-150-SC	Squeegee Flood Scoop Attachment	97.00
No. D-150-TF	Conical Attachment	310.00
No. D-150-VB	Vacuum Base, no Pump	816.00
No. D-150-BF	Attachment for Double Sliding Screen	587.00
No. D-150-CP	Attachment for Printing Circular Objects	898.00
No. D-150-VBBF	Vacuum Base with Micrometer Adjustment	1795.00
No. D-150-VT	Vacuum Turbine with Motor	294.00
No. D-150-CRP	Continuous Roll Printing Attachment for Stock 12" wide	1469.00
No. D-150-CRP-	Extra Attachment for Attachment D-150-CRP to Make 20 20" Pulls	392.00

All Prices F.O.B. Port of Entry.

Extra Metal Squeegees - \$2.95 per inch.



# SCREEN WASHER

## ELECTRIC MOTOR OPERATED RECOMMENDED FOR USE WITH MILD SOLVENTS

This screen washer was developed by American to fill the need for a rugged, efficient unit at the lowest possible cost. It is constructed of highest quality materials to provide years of trouble-free service.

During operation, solvents drain back into the container where ink settles, keeping solvent clear for reuse. This screen washer is recommended for high boiling mild type solvents.

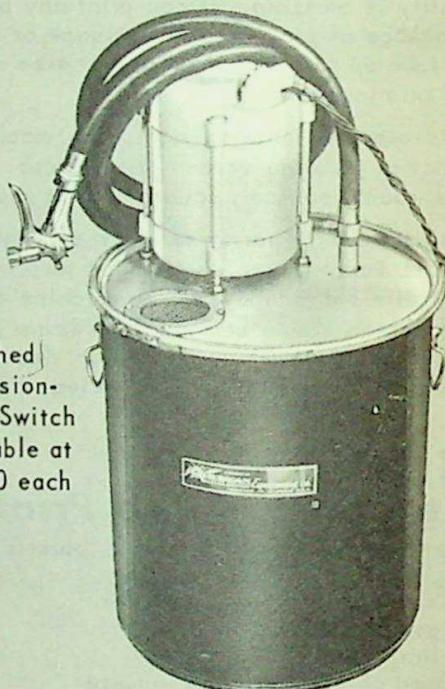
### FIVE GALLON CAPACITY

**Model No. SCW-5G**

**\$89.50**

**Extra Container.. \$2.50**

Complete with hose, valve, fittings, pistol-grip nozzle, and container (5 gal.)



Attached  
Explosion-  
proof Switch  
available at  
\$16.50 each

## SCREEN WASHER

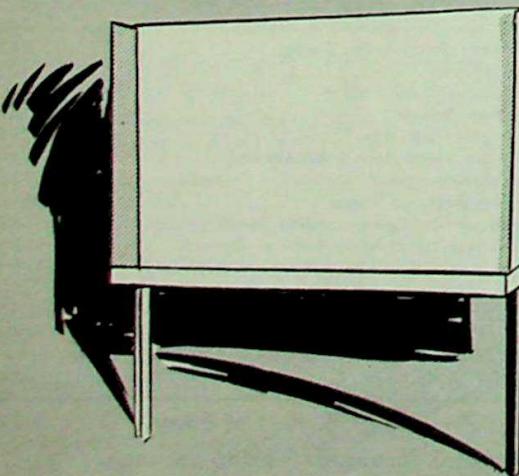
### EXPLOSION-PROOF ELECTRIC MOTOR

#### 10 GALLON CAPACITY

For those who prefer to use electricity instead of air. Uses 1/4 H.P. Explosion proof motor. (No Switch included). Requires electrical connections. Entire Top including pump and Motor can be transferred to another drum for using a different type solvent. No packing is required in pump as it is always totally submerged in liquid. During operation solvents drain back into container where all pigments and dirt settles to bottom keeping solvent clean for reuse. Recommended for any type solvents and liquids. 20-Gal. Units available for \$17.50 each.

Only  
**\$189.50**

**Model No. SCW-102-E** Price complete with hoses, gun fittings and 10 gal. container.



## SCREEN WASHING STAND

### TWO STANDARD SIZES

**Model SWS-57**

A sturdy, well-built stand that will speed up the washing operation. 50" x 76" to accommodate screens up to 48"x74", O.D.

**\$75.00**

**Model SWS-72**

As above, but bigger. Size 72"x112" to accommodate screens up to 70"x110", O.D.

**\$95.00**

OTHER SIZES MADE TO ORDER

**ADVANCE PROCESS SUPPLY CO., INC.**

CHICAGO 12, ILLINOIS U.S.A.

# EXPLOSION-PROOF

100% Safety Approved  
Uses Air Only

## SCREEN WASHERS OPERATED TYPES

### PNEUMATIC DRIVEN SCREEN WASHER

This is a most rugged screen washer. The air powered rotary pump will pump all solvents and operate at 1500 r. p. m. on 30 pounds of line pressure. (The pump can be used on higher line pressures and held to 1500 R. P. M. by adjusting the needle valve.) Uses 2.7 to 3 cubic feet of air per minute. A visual gauge indicates pressure settings. The unit combines high efficiency with inexpensive operation.



- 10 Gallon capacity
- Maintenance-free-pump is submerged - Needs no packing
- Uses no electricity
- Uses very little air
- Changeable container
- Can also be used as a direct method developing unit, or film washer and remover

Model SCW 125 \$186<sup>50</sup>

Complete with container, hose, valve, gauge fittings, and spray nozzle.

Extra 10 Gallon Containers \$8<sup>50</sup> each

20 Gallon Unit available for additional \$17.50 each

### "AIR-SAFE" PNEUMATIC RECIPROCATING DRUM PUMP



## EXPLOSION-PROOF SCREEN WASHER

### For Use with 30 and 55 Gallon Standard Drums

- 100% Safe .. Uses air only; no electricity.
- Fits bung or open-head drums.

This unit consists of an air-powered reciprocating pump with a 2" riser tube. It pumps all solvents and many other liquids and semi-liquids. Full double action with equal delivery on both up and down strokes. Operates on small air line only....operating pressures: 35 psi. Unit weighs only 13½ pounds and can be easily transferred to other drums.

Overall length: 52". Usable length of rise tube: 34-3/4"

Model SCW 305G \$198<sup>50</sup>

Complete with air control valve,  
air line coupler, spout with bail  
hook, and bung adapter.

without drum.

30 or 55 gallon drum: \$12<sup>50</sup>

**ADVANCE** PROCESS SUPPLY CO., INC.

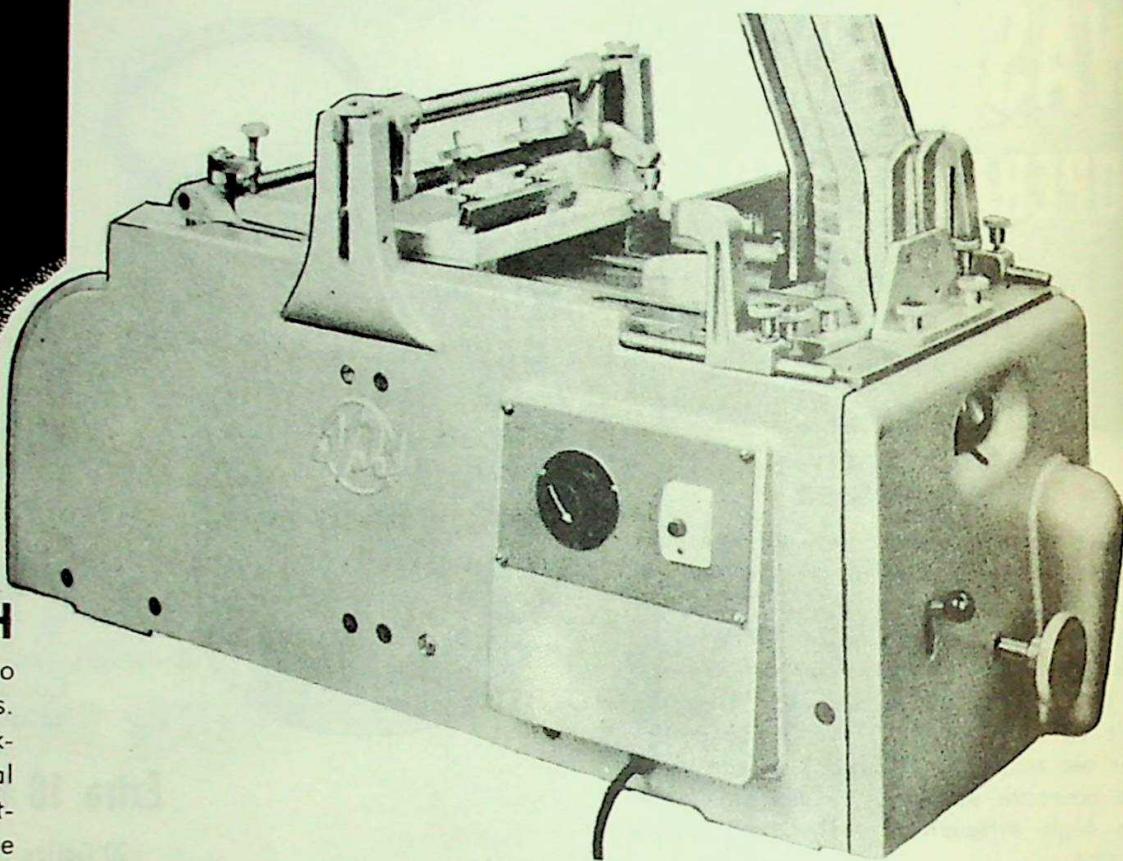
CHICAGO 12, ILLINOIS U.S.A.

**"3-D"**  
**Automatic**  
**SMALL**  
**OBJECT**  
**PRINTER**

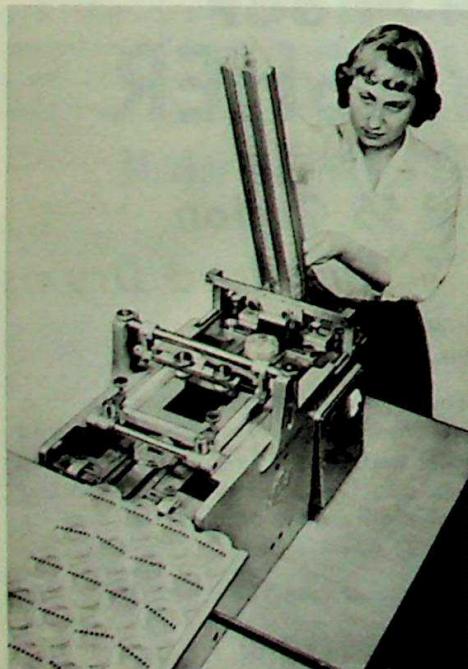


**PRINTS UP TO 3,000 IPH**

Fully automatic unit designed to print on articles with even surfaces. Plastic boxes and any other inflexible material such as wood, metal plates or machine parts. High output and excellent register can be obtained. Material to be printed is automatically fed and kept in position during printing by spring-loaded guide rails.



**Model No. SPS-3D-44.....\$ 1,990. CRATING - \$ 35.**



This illustration shows how the plastic-boxes are fed into the magazine. In order to obtain the maximum speed of 3,000 prints per hour it is necessary to fill the magazine in forty-five seconds. The magazine of course is designed so as to accommodate various sizes and shapes, and for instance can be altered from square to rectangular with only two or three adjustments.

It is possible to remove the squeegee from the machine by merely loosening two screws, and similarly various widths of plastic squeegee material can be inserted without difficulty. Stencils can be re-touched without affecting the accuracy of register providing that the screen itself is properly tensioned.

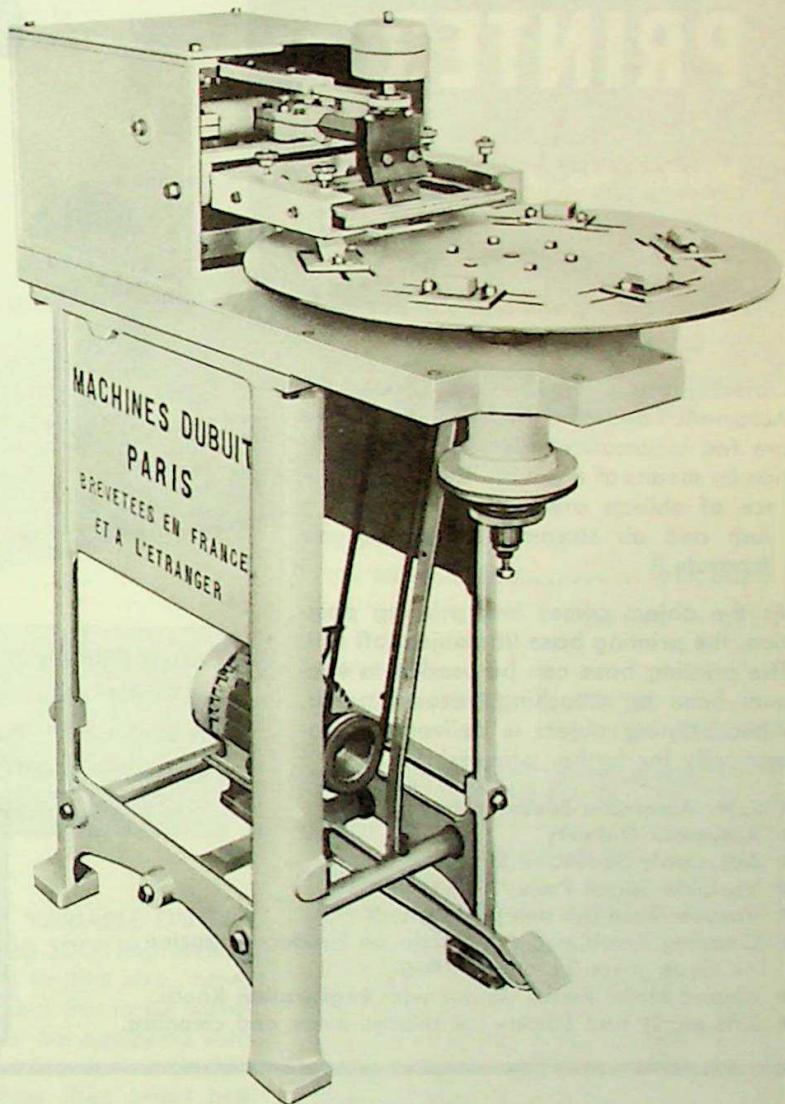
**SPECIFICATIONS**

Printing Size: min. 3/4" x 1-1/2" (size of material) max. 4-3/4" x 4-1/2"	Standard equipment: 110 Volt single phase A. C. 60 cycles H. P. 1/6
Thickness of material: min. 1/8", max. 1"	Floor space: 16-1/2" x 33-1/2" (without drying table)
	Net weight: 192 lbs.

# DUBUIT TURNTABLE SCREEN PRINTER

## A MACHINE OF HIGH PRODUCTION CAPACITY

For SMALL CONTAINERS  
and FLAT OBJECTS



\*ADJUSTABLE SPEED

\*ADJUSTABLE STROKE

\*PRINTS ONE WAY

The objects to be printed on the DUBUIT Turntable Screen Printer are inserted into the wareholders on the revolving turntable which moves them under the printing head to receive the one-way squeegee printing stroke. After the printing operation, the object is revolved to a take-off position. The stroke is adjustable; the speed is adjustable. A foot pedal controls the machine for instant start or stop. The Model D-104 may be set for 3 or 6 printing stations, depending upon the size of the object. Model D-103 is fixed at 6 stations.

Typical objects that the machine can print are container caps of any material; lighter, cosmetic and similar cases; fabric, leather or plastic coin purses and billfolds; any small container of 3" in depth or less. The shape of the object may be round, square, rectangular, or a variety of other shapes. The only limitation is that the surface be flat.

Some objects lend themselves to the use of automatic feed and take-off equipment with production increased to 5000 per hour.

### OPTIONAL EQUIPMENT

Prices depend upon size and shape of object.

- AUTOMATIC FEED
- AUTOMATIC TAKE-OFF
- WAREHOLDERS
- VACUUM BASE
- REGISTRATION DEVICE

SEE "OPERATING INSTRUCTIONS" FOR DESCRIPTION  
AND USE OF ABOVE EQUIPMENT.

### TWO MODELS AVAILABLE

#### Model D-103

for objects up to 4" x 3 1/4" -  
6 stations

\$2,378. CRATING \$45.

#### SPECIFICATIONS

Production: .2,000 to 2,500 per hour  
Weight: ..... 660 lbs.  
Dimensions: ..... 28" x 40" x 48"

#### MODEL D-104

for objects up to 6" x 6" - may be  
set to 6 stations for objects up to  
4" x 3 1/4" and to 3 stations for larger  
objects up to 6" x 6"

\$2,776. CRATING \$50.

#### SPECIFICATIONS

Production: .2,000 to 2,500 per hour  
Weight: ..... 710 lbs.  
Dimensions: ..... 28" x 40" x 48"

**ADVANCE** PROCESS SUPPLY CO., INC.

CHICAGO 12, ILLINOIS U.S.A.

# FLAT TILE PRINTER

**Model No. A-606**

## OPERATIONAL PROCEDURE

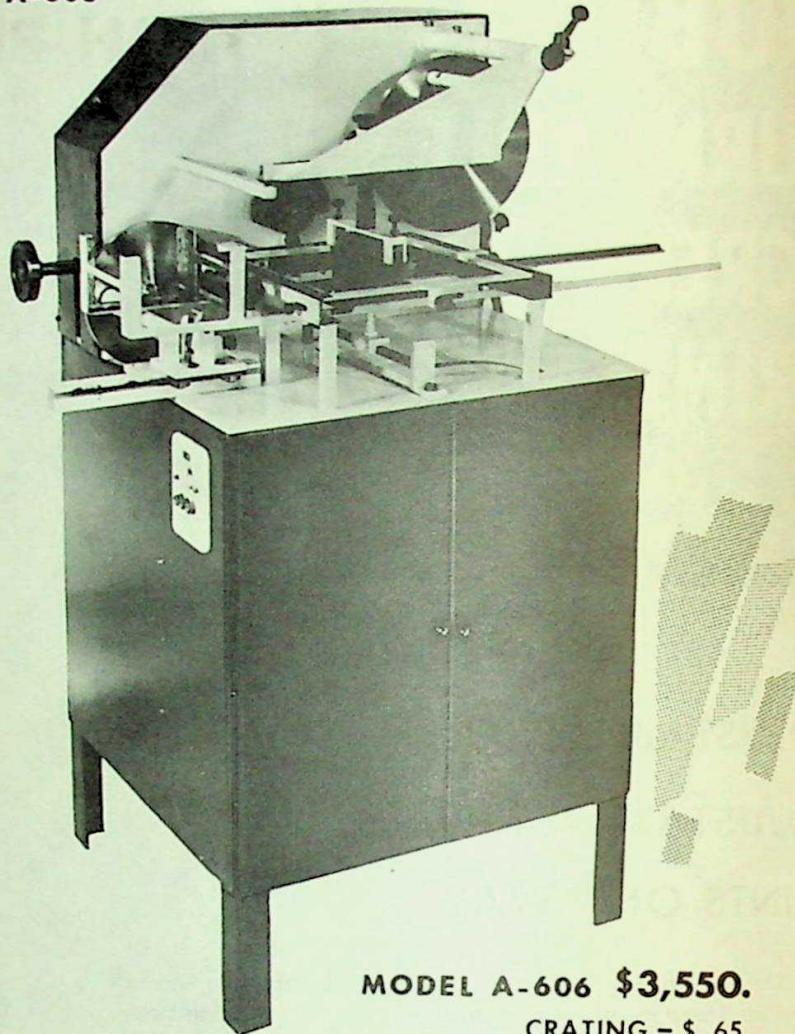
Objects to be printed are placed in Automatic Feed Hopper from which they are fed automatically into printing position by means of a double track rail. Surface of objects are cleaned by wiping brush and air stream from double air jet nozzle.

As the object comes into printing position, the printing base lifts object off rail. The printing base can be used as a vacuum base by attaching vacuum pump. After printing object is delivered automatically for further processing.

- Fully Automatic Feeder Magazine
- Automatic Delivery
- Adjustable Squeegee Stroke
- Variable Speed Pulley
- Vacuum Base (no pump furnished)
- Cleaning Brush and Air Nozzle on Feeder Magazine to clean piece before printing.
- Hinged Metal Frame Holder with Registration Knobs.
- Lifts easily and quickly for change-overs and cleaning.

Automatic screen printing press for printing on tiles and other flat objects of approximate dimensions and thickness.

## MODEL A-606



**MODEL A-606 \$3,550.**

CRATING - \$ 65.

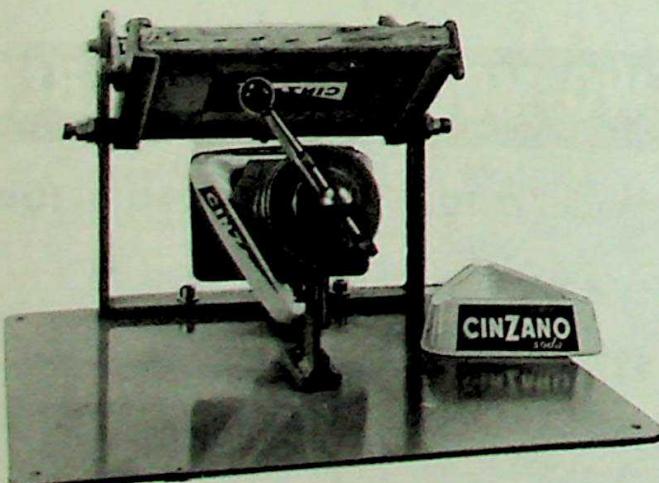
### DIMENSIONS OF OBJECTS

4.4" x 4.4" x 1/4"  
up to  
6" x 6" x 1/4"

### MACHINE SPECIFICATIONS

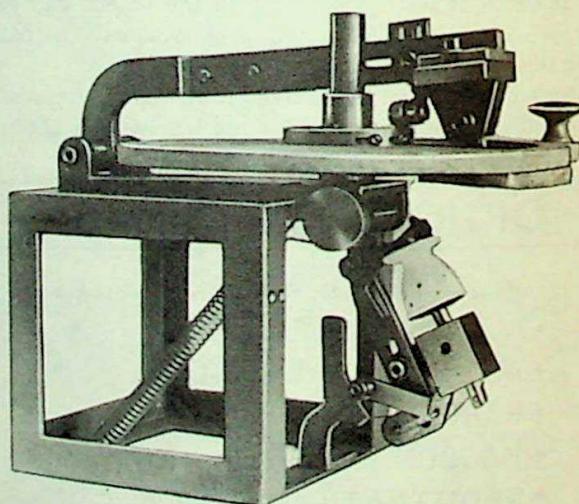
Overall Dimensions: 57" x 40" x 27"  
Weight: 200 lbs.  
Motor: 0.35 H.P. - single phase  
Output: 1500 to 2000 pieces per hour

OTHER SIZES AVAILABLE



**Model No. OS-180** For printing ashtrays and other small objects.

**\$235.** NO CRATING



**Model No. CER-165** Hand Jig for printing on small open cones and oval objects, such as egg cups.

**\$465.** NO CRATING

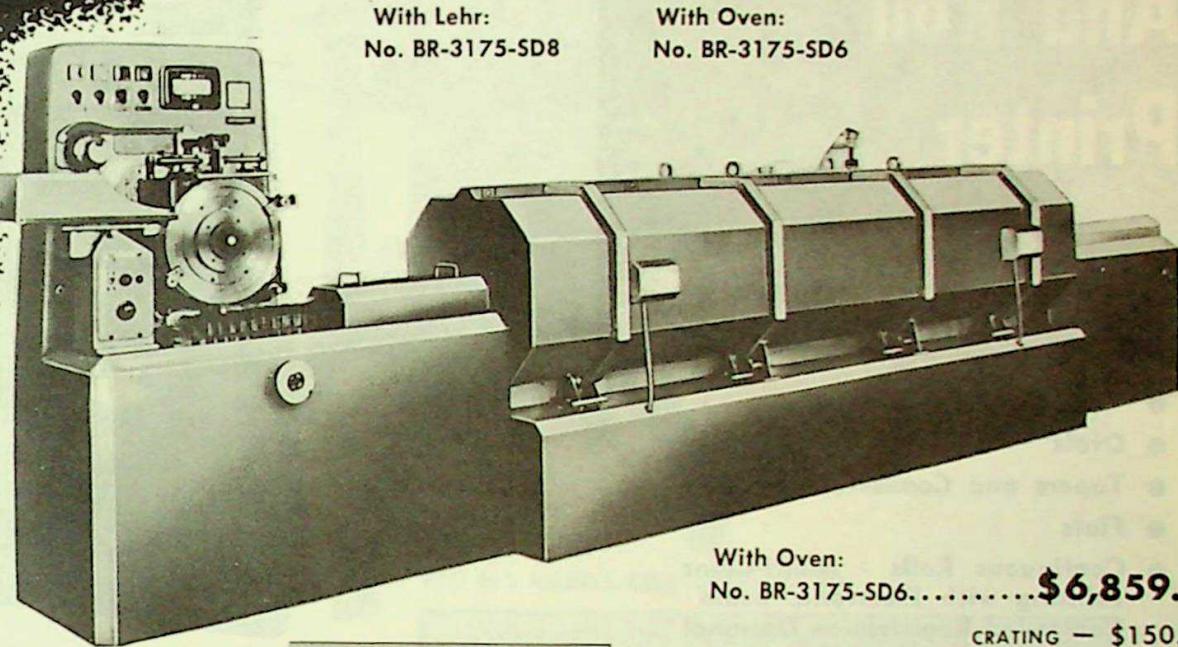
**ADVANCE PROCESS SUPPLY CO., INC.**

CHICAGO 12, ILLINOIS U.S.A.

# FULLY AUTOMATIC SMALL CYLINDRICAL PRINTER

## OUTSTANDING advantages of this Machine

1. SIMPLE OPERATION. All controls are orderly arranged, handy, and within the operator's reach, so that they do not interfere in any way with the observation of work and machine. The machine can be operated without any difficulty by unskilled female labor.
2. LOW CURRENT CONSUMPTION OF THE BURNING-IN OVEN AND DRYING OVEN. Full utilization of the electric energy. The conveyor cups pass through the heated zone, but the chain to which they are fixed remains outside.
3. NO SMUDGING OF THE INK. The conveyor cups are curved, so that the spots where the containers rest on the cups takes up only a very small area.
4. SIMPLE CLEANING OF THE OVEN. The oven is divided into two halves, which can be easily hinged apart.
5. VIBRATOR ON THE FEEDING MAGAZINE. No more jammed containers.
6. QUIET RUNNING. No jolting or inching, even at high speeds.
7. COMPLETE CIRCUMFERENCE PRINTING. For all objects within the capacity of the machine.
8. A NOVEL MICROMETRIC FINE ADJUSTMENT. Enables the screen stroke to be set quickly and accurately from the operating position.



**Production UP to 10,000 pieces**

THIS GERMAN MADE SMALL CYLINDRICAL OBJECT PRINTER IS UNSURPASSED FOR HIGH PRODUCTION, QUALITY PRINTING AND SIMPLICITY OF OPERATION. LATEST DESIGN, OF STURDY AND RUGGED CONSTRUCTION. ALL SHAFTS RUN ON BALL-BEARINGS.

With Lehr:  
No. BR-3175-SD8

With Oven:  
No. BR-3175-SD6

With Oven:  
No. BR-3175-SD6.....\$6,859.

CRATING — \$150.

With Lehr:  
No. BR-3175-SD8 ....PRICES  
ON REQUEST

OVEN IS DIVIDED INTO TWO HINGED HALVES, SO THAT IT CAN EASILY BE OPENED FOR INSPECTION AND CLEANING.

9. CONTINUOUSLY VARIABLE OUTPUT REGULATOR. For 1000-5000 impressions per hour, according to the size, type, and shape of the object. For large quantities the machine can be equipped with a double feed magazine and a double conveyor. The machine then prints two objects in each cycle, so that the output is doubled.

10. AUTOMATIC TEMPERATURE REGULATING AND SETTING INSTALLATION. For the burning-in oven. The oven can also be set for drying plastic containers.

### SPECIFICATIONS

#### Printing Dimension

Diameters: 0.31" to 1.42"  
Length of Objects: 0.79" to 6.30"

#### Production

Up to 5,000 pieces per hour  
Up to 10,000 pieces per hour  
with double feeder hopper  
and double printing station

**DIMENSIONS:** Length: 21' 4"  
Width: 3' 11 1/4"  
Height: 5' 10 7/8"

**WEIGHT:** With Lehr: (6710 lbs.)  
With Dryer: (2640 lbs.)

Dimensions and design subject to alteration, in the course of further development of our automatic machines.

### OTHER TECHNICAL DATA

- Drive and power consumption: Electric motor, 0.75 h.p., 220 volts—3 phase—60 cycle A.C.
- WORKING TEMPERATURE AND CURRENT CONSUMPTION OF THE BURNING-IN OVEN:
- Stoving temperature for glass about 1100°F, maximum rating 30 kw, normal power consumption 15-20 kw.
- Drying temperature about 176°F for plastics, maximum rating 5 kw, normal power consumption 2-4 kw.

**ADVANCE PROCESS SUPPLY CO., INC.**

CHICAGO 12, ILLINOIS U.S.A.

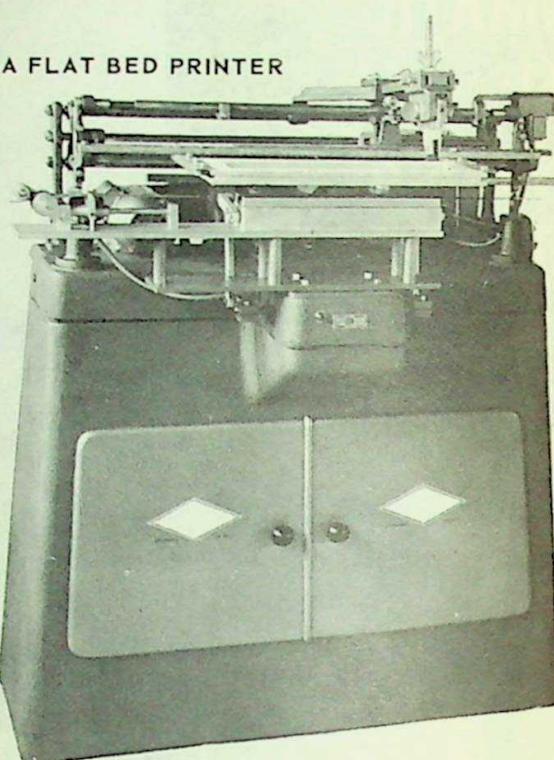
# All Purpose Flat Cylindrical And Roll Printer

MODEL NO.  
**CER-140 CP**

- Vials To Pails
- Ovals
- Tapers and Cones (up to 30°)
- Flats
- Continuous Rolls - Multi-Color Printing with Electronic Brain Controlled Registration Optional

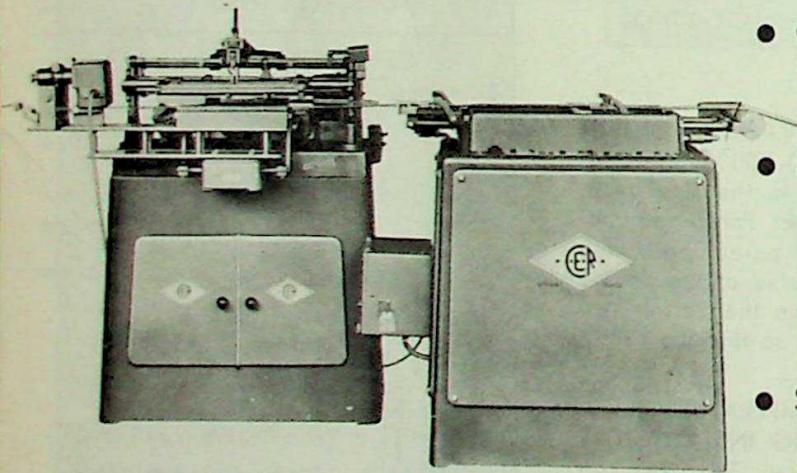
• Precise • Productive • Versatile  
Wide Range Automatic Combination  
Screen Printer

SET UP AS A FLAT BED PRINTER



**CER-140-CP.....\$3,075.** Crating \$65.

SET UP AS A CONTINUOUS ROLL PRINTER



**CER-140-CRP - PRICES ON REQUEST**

## SPECIFICATIONS

MIN. DIAMETER - 1/4"	PRODUCTION SPEED
MAX. DIAMETER - 12"	1500 to 2500 pieces per hour depending on size of objects.
MAX. PRINTING LENGTH - 14-1/2"	DIMENSIONS OF MACHINE:
MAX. PRINTING WIDTH - 10"	38" x 32" x 17" Weigh 195 lbs.

- One versatile combination machine that can be used to print on cylindrical, oval, conical, flat, and continuous rolls by the use of easily changed fixtures and wareholders.
- Electro-Magnetic activation of operational elements give smoother vibration-free action for best quality printing. This Electro-Magnetic activation makes possible full synchronization of feeding, take-off, registration and printing so that machine can be fitted with chain-belt feed, turrets, etc., for fully automatic operation.
- Squeegee stroke and pressure easily and quickly adjustable. Squeegee comes in behind paint supply in screen at the start of each stroke.
- Can be set for continuous operation or single-stroke foot-pedal operation. On continuous operation open time can be adjusted. Operation can be stopped instantaneously at any point by the foot-pedal.

MODEL NO.	OPTIONAL EQUIPMENT	PRICES
CER-140-M	MANDRIL WAREHOLDER FIXTURE	\$105.
CER-140-CN	CHUCK & NECK WAREHOLDER	\$150.
CER-140-OP	oval printing fixture	\$165.
CER-140-CD	REGISTRATION DEVICE	\$35.
CER-140-ID	AUTOMATIC INFLATING DEVICE FOR SOFT-WALLED PLASTIC CONTAINERS	\$55.



**CHICAGO 12, ILLINOIS U.S.A.**

# AUTOMATIC FLAT PARTS PRINTER

## Perfect Registration.

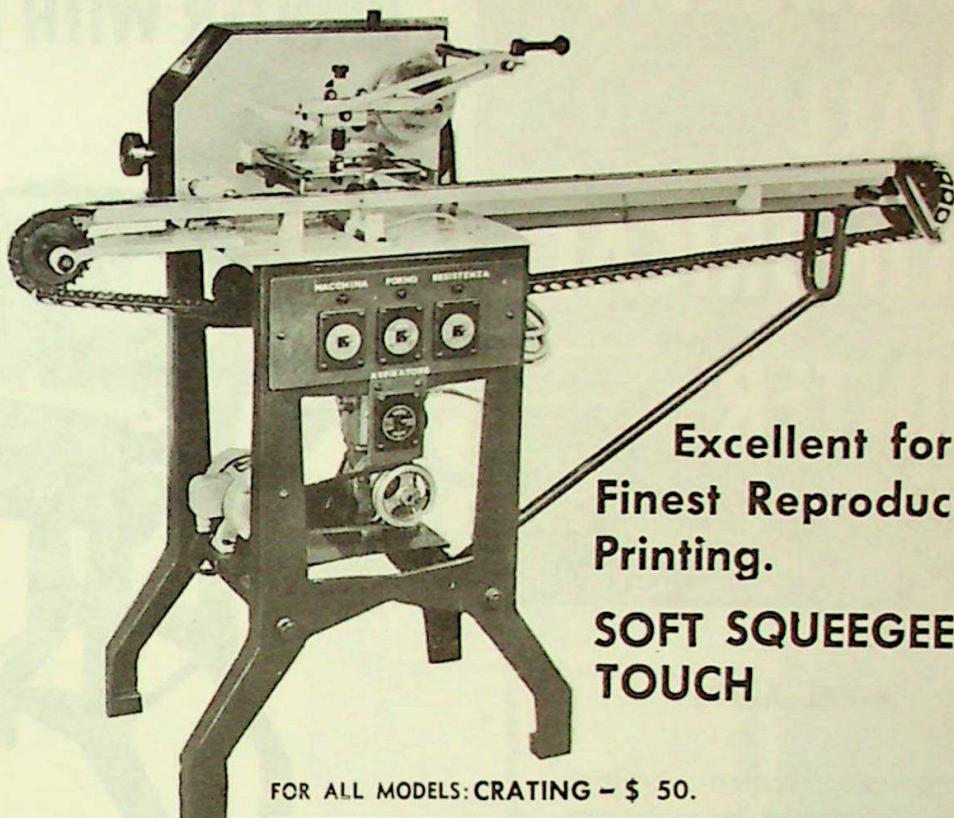
Ideal for in-line continuous printing of small flat objects, such as machine parts, plastic boxes, lids, caps and similar objects.

Parts are fed onto chain conveyor, carried to printing position, printed and delivered automatically. Squeegee pressure and stroke are easily and quickly adjustable.

The outstanding design of the frame holder allows for easy and prompt change-over, cleaning and adjustment of screen.

As optional equipment this machine can be equipped with a vacuum bed to hold down stock when being printed. This feature is necessary when printing thin stock or when using heavy and sticky colors, such as enamels.

Fully automatic screen printer for printing on small flat objects. Can be equipped with drying oven.



Excellent for  
Finest Reproduction  
Printing.

## SOFT SQUEEGEE TOUCH

FOR ALL MODELS: CRATING - \$ 50.

AVAILABLE IN THREE MODELS:	PRICES
A-1444-A FOR OBJECTS .33" TO .88"	\$1,895.
A-1444-B FOR OBJECTS .88" TO 1.33"	\$1,895.
A-1444-C FOR OBJECTS .88" TO 1.8"	\$1,895.

CAN BE FURNISHED WITH VACUUM BED TO HOLD DOWN THIS STOCK.

## SPECIFICATIONS

Output: Approximately 2,000 pieces per hour.

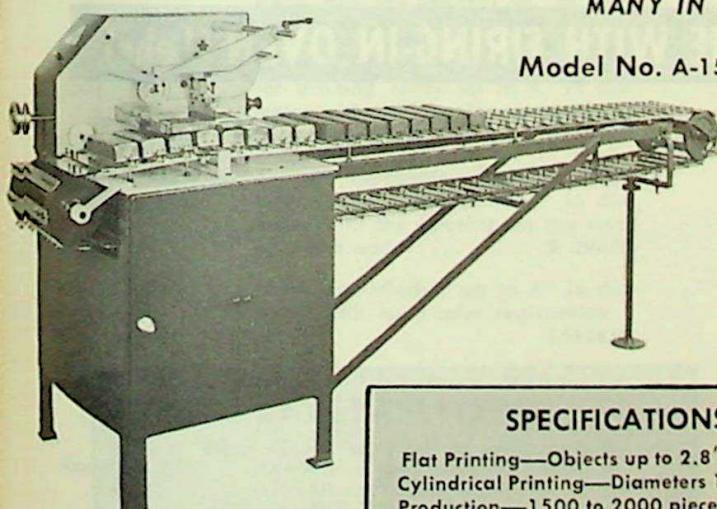
Motor: 0-15 h.p. 110 v. single phase — 60 cycle A.C. Variable Speed.

Weight: Approximately 200 lbs.

## AUTOMATIC PRINTER FOR FLAT CONTAINERS

MANY IN USE FOR PRINTING TRANSFORMERS AND ELECTRICAL PARTS

Model No. A-1555



### SPECIFICATIONS

Flat Printing—Objects up to 2.8" thick.  
Cylindrical Printing—Diameters 1" to 2.8".  
Production—1500 to 2000 pieces per hour approximately.  
Overall Dimensions—104" x 50" x 28".  
Weight—500 lbs. approximately.  
Motor—Fractional H.P. 110 V.—60 Cycles.

Automatic Screen Printer for printing on flat surface containers, transformers and other box shaped objects. Can also be furnished as a cylindrical printer.

This precision built high speed fully Automatic Screen Printer features quick and easy change-over and adjustments. The hinged frame holder with micro-register adjustments makes screen cleaning and registering simple and prompt operations.

Another ideal Fully Automatic In-Line High Production Screen Printer.

Can also be furnished as a high speed Fully Automatic Cylindrical Printer for diameters from 1" to 2.8".

\$ 3,295. CRATING - \$ 65.

**ADVANCE** PROCESS SUPPLY CO., INC.

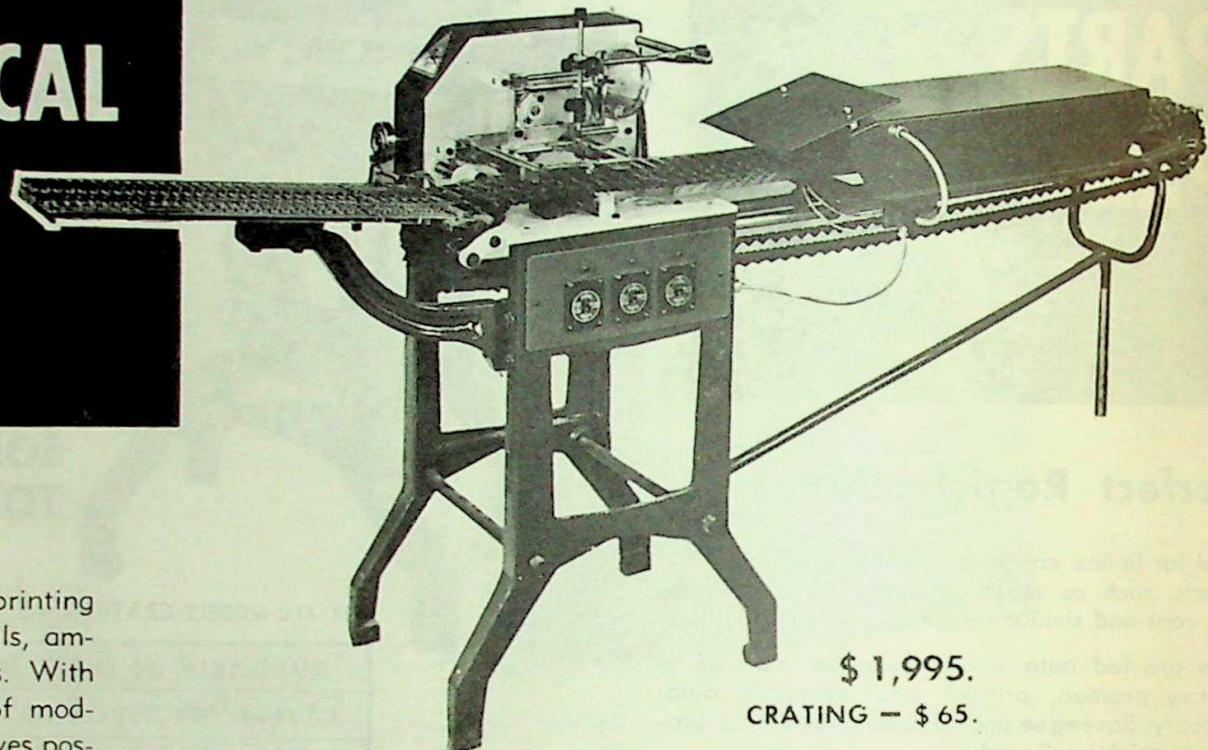
CHICAGO 12, ILLINOIS U.S.A.

# AUTOMATIC SMALL CYLINDRICAL PRINTER

FULLY AUTOMATIC SMALL CYLINDRICAL  
PRINTER WITH PREHEATING TUNNEL

## MODEL A-776

Fully-automatic screen printing machine for printing on vials, ampoules, and small cylinders. With automatic feeding hopper of modern and new design which gives positive and continuous operation. Machine is furnished with a heating and drying tunnel for drying the printed pieces. Exact and sharp printing given by special adjustable squeegee pressure. Very easy and rapid timing. The frame holder is synchronized for any change of impression.



\$ 1,995.

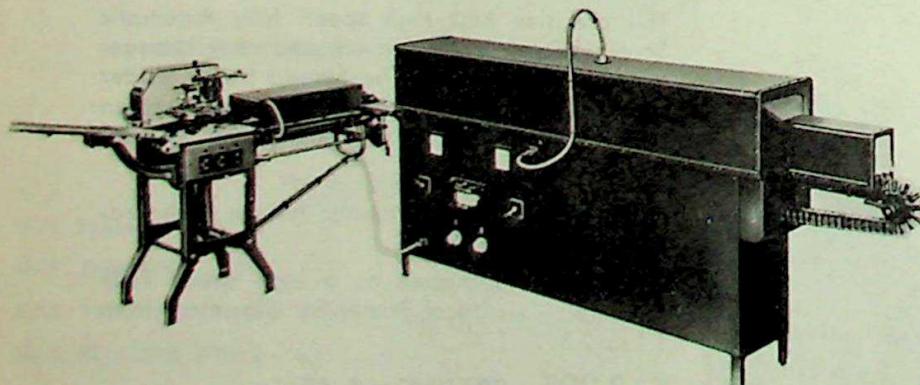
CRATING — \$ 65.

## SPECIFICATIONS

Printing dimensions — 3.2" x 3.2", max.  
Output — 3000 pieces per hour, approx.  
Overall dimensions — 88" x 24" x 42"  
Weight - 250 lbs., approx.  
Motor - 0.105 HP  
One operator.  
Also includes electric preheating tunnel.

## FULLY AUTOMATIC AMPOULE PRINTING MACHINE WITH FIRING-IN OVEN (Lehr)

## MODEL No. A-776-52



## SPECIFICATIONS

Overall dimensions of the Lehr - 112" x 54" x 20"  
Weight of the Lehr - 660 lbs.  
Lehr consumption per hr - 5.5 KW

Complete unit with Lehr  
No. A-776-52

\$ 4,885

CRATING — \$ 125.

ALL PRICES F. O. B. PORT OF ENTRY

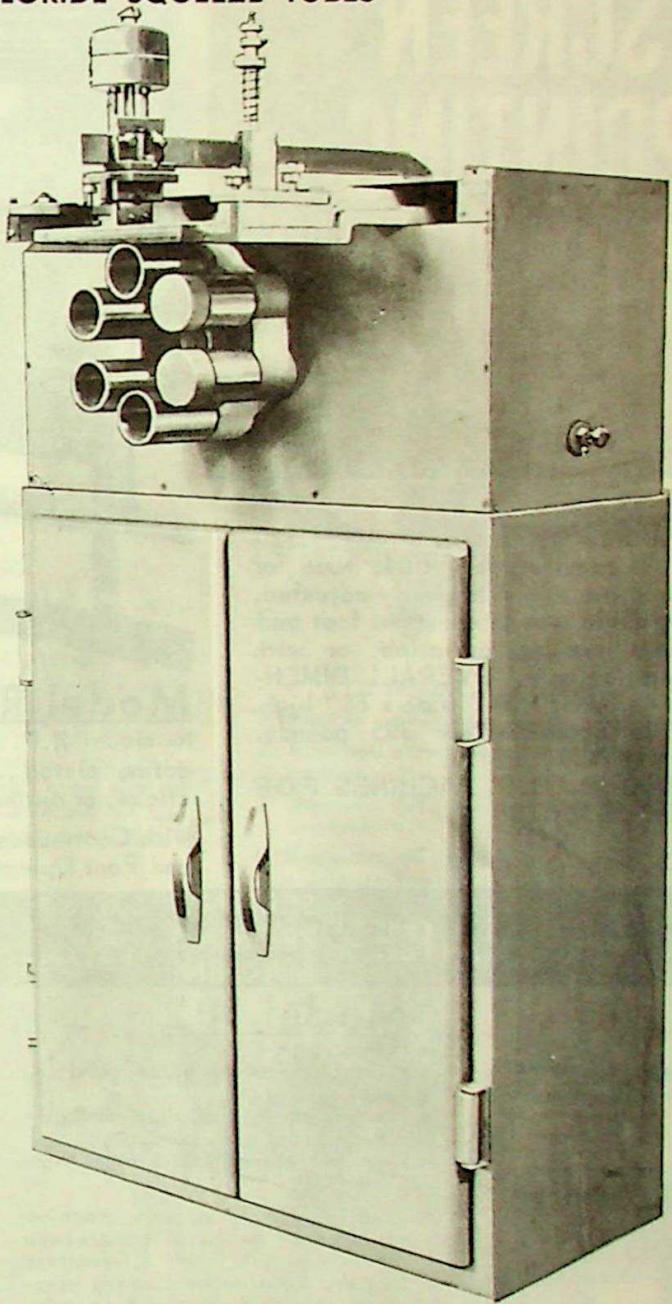
**ADVANCE** PROCESS SUPPLY CO., INC.

CHICAGO 12, ILLINOIS U.S.A.

# DUBUIT Revolving Turret Screen Printer

FOR PRINTING ON HOLLOW CYLINDERS AND  
SLIGHTLY TAPERED OPEN-END CONES

- HIGH PRODUCTION      • SEMI AUTOMATIC
- IDEAL FOR PRINTING NEW TYPE POLYVINYL CHLORIDE SQUEEZE TUBES



## Model Numbers

Model D-310	prints cylinders up to 2" in diameter	\$2221.00
Model D-311	prints cylinders up to 2" in diameter with multi-color registration.	\$2579.00
Model D-312	prints cylinders and cones up to 2" in diameter .....	\$3592.00
Model D-313	prints cylinders up to 4" in diameter	\$4571.00
MODEL D-314	prints cylinders up to 4" in diameter with multi-color registration.	\$5877.00
Model D-315	prints cylinders up to 4" in diameter and is also equipped with an adjustable cone printing attachment.....	\$5518.00
MODEL D-315-CS	Two cone printing attachments for use on model D-315 to receive all tapered cones up to 4" in diameter.....	\$ 947.00
Model D-315-CI	Attachment for use on Model D-315 to print on cones up to 4" in diameter with the opening on the small diameter end.....	\$ 138.00
Model D-315WF	Set of 6 wareholders for Model D-315 for printing cones up to 4" in diameter with the opening on the large diameter end .....	\$ 117.00
Model D-315WFCI	Set of 6 wareholders for Model D-315 for printing cones up to 4" in diameter with the opening on the small diameter end .....	\$ 294.00
Model D-316	prints on cylinders up to 4" in diameter with multi-color registration...	\$6824.00
Model D-317	prints cylinders and cones up to 4" in diameter with multi-color registration .....	\$7477.00
Model D-318	Attachment for automatic feed and take-off for Models D-310, D-311 and D-312 .....	\$ 946.00

FOB PORT OF ENTRY - CRATING EXTRA

The Dubuit revolving turret screen printer is superb for all small hollow objects that can be carried on a mandrel. This generally includes open-end tubes of any material for packaging cosmetics, medicinals and dental creams. The machine is also suited to tapered open-end cones such as paper cups and cosmetic jars.

The machine can be adapted for printing in several colors. Some models ( see left ) can be equipped for automatic feed and take-off.

## Specifications

Production: 2,000 to 2,500 per hour  
Capacity: up to 4" in diameter and 8" in length  
Weight: From 250 up to approx. 500 lbs.  
Dimensions: 40"x32"x48"  
Motor: 1/4 H.P. 220 V. 60 Cy. 3 Ph.

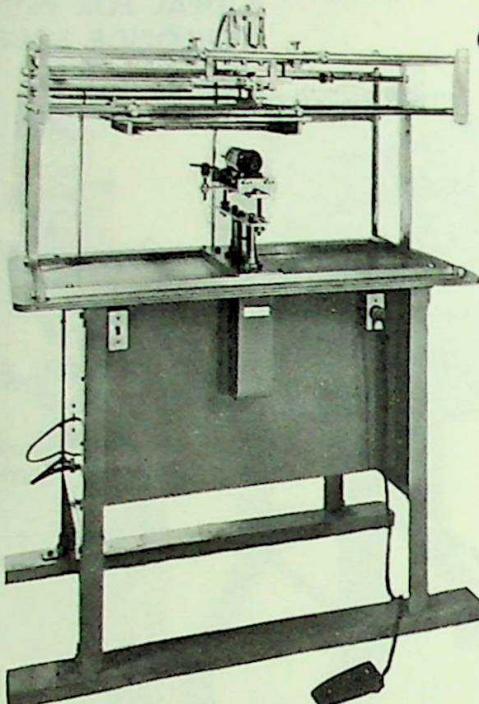
**ADVANCE** PROCESS SUPPLY CO., INC.

CHICAGO 12, ILLINOIS U.S.A.

# SCREEN PRINTING MACHINES

This machine features extreme flexibility. It requires very little time for set-up and the speed is easily adjusted. It is available with intermittent foot and continuous running operation, or with foot operation only. OVERALL DIMENSIONS: 48" long x 24" wide x 66" high. Weight is approximately 395 pounds.

WE ALSO BUILD MACHINES FOR LARGER OBJECTS



## Model RP4

(Not illustrated) This machine is similar to model R.P. 3 in all respects EXCEPT that it has a double-acting piston...machine prints on the forward and on the return stroke, or on the forward stroke only.

With Continuous and Foot Operation \$1,675

Foot Operation \$1,500  
Only

Crating  
— \$30.00

## CYLINDRICAL SCREEN PRINTING MACHINE

- Objects up to 4" in diameter can be decorated on this machine.
- Carriage travel adjustable from 1" to 10"
- Production is approximately 400 to 1200 pieces per hour
- Prints on glass, metal, all plastics, wood, and rubber

## Model RP3

Continuous and Foot Operation.....	\$1,050
Foot Operation Only.....	\$875
Crating .....	\$30
Radius Attachment for tapered ware .....	\$385
Extra wareholder fixture for tapered ware .....	\$80

## FLAT WARE

### SCREEN PRINTING MACHINE

#### Model FP2

- Prints up to 6" x 9"
- Prints on flatware, glass, plastics, metal, wood, etc.
- Production capacity is approximately 800 pieces per hour
- Carriage travel adjustable from 1" - 10".

This is a semi-automatic machine operated by means of compressed air. Available with intermittent foot and continuous running operation or with foot operation only. This speed is easily adjusted. OVERALL DIMENSIONS: 48" long x 24" wide x 66" high. 12" piston stroke.

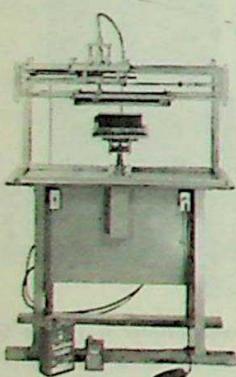
PRICE complete with bed plate:

\$1,025

Continuous and Foot Operation:

\$850

With Foot Operation Only.....  
Crating \$30.00 Extra



## DRUM and PAIL

### SCREEN PRINTING MACHINE

#### Model RP5

- Prints on 5 gallon round drums or pails of approximately 11½" diameter. (Will print on 1-gallon round jugs with special wareholder - see below)
- Production capacity for 5-gallon pails: approximately 5-6 pieces per minute.

This air-operated machine has a double-acting piston; it will print on the forward and back stroke, or on the forward stroke only. Piston stroke: 34". DIMENSIONS: 69" high x 25" wide x 88" long.

AVAILABLE WITH FOOT OPERATION ONLY

PRICE complete with one wareholder fixture for 5-gallon drums ..... \$1,725  
Crating ..... \$40.00 Extra

## FLAT and CYLINDRICAL

### SCREEN PRINTING MACHINE

#### Model CP7

This machine will print on cylindrical ware up to 4" in diameter. It will also print on flat items; flat printing area is approximately 6" x 9". It has a 12" piston stroke. Air-operated.

Complete with standard round wareholder and flat bed plate.

Foot operation only \$1,225

PRICE: Continuous and foot operation \$1,400

Crating Extra \$30.00

**ADVANCE** PROCESS SUPPLY CO., INC.

CHICAGO 12, ILLINOIS U.S.A.

# PROCESS UNIVERSAL PRINTER

A PRECISION HAND PRINTER COMBINING VERSATILITY AND LOW COST!

- Will print on round, conical, flat, or oval surfaces with proper accessories.
- 22" Printing Stroke for round, conical, and oval objects.
- 18" x 22" Flat Printing Area.
- Tooling Available to Print odd and unusual shaped objects.

For printing up to 5 gallon size containers.  
Ideal for gallon size plastic bottles.



For Round and  
Flat Printing

PRICE \$645<sup>00</sup>

Crating \$25.00

Durable Steel Stand  
Extra \$45.00

The American Process Universal Printer is a rugged, simple unit capable of a wide variety of printing applications. It is easy to set up and easy to operate ---- even inexperienced operators can soon produce fine, expert prints at the rate of 200-1000 per hour. Basic model is furnished with 1 set adjustable wareholders and 1 squeegee.

#### OPTIONAL EQUIPMENT

1. Radius attachment for conical shapes.
2. Flat bed attachment for printing on flat surfaces.
3. Devices for printing on polyethylene containers.
4. Registration devices.

LARGER SIZES ALSO AVAILABLE.

## AMERICAN FLAME TREATER

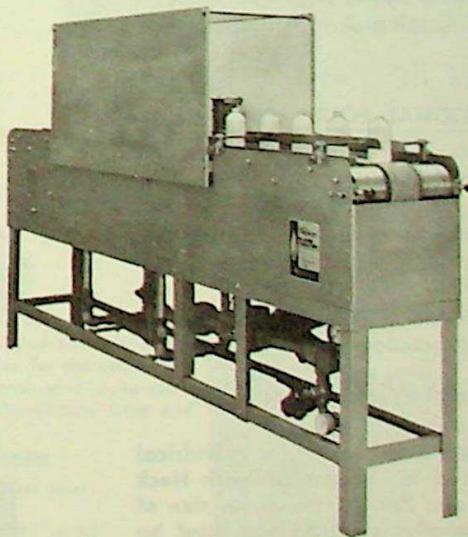
### NOW! SURFACE-Treat Polyethylene Bottles with Speed and Efficiency!

Surface-treating of polyethylene containers is necessary in order to secure permanent adhesion of screen process colors. Moreover, the entire container must be treated, regardless of its shape. For these reasons, the American Flame Treater was designed and engineered to actually "bathe" the container in a high oxygen gas flame. This is done twice as the container moves along on the mesh belt. The container and the gas jets (two pair) are positioned so that the jets wrap themselves around the container. The mesh belt is blower-cooled as it moves along the bottom of the unit.

#### outstanding features

- SURFACE IS COMPLETELY TREATED DUE TO EXCLUSIVE "X" DESIGN
- EXPOSURE IS CONTROLLED BY SPEED OF BELT
- ACCOMMODATES UP TO GALLON SIZES OF POLYETHYLENE CONTAINERS
- USES COMPRESSED AIR TO CONTROL FLAME

American takes pride in presenting this Flame Treater, unquestionably one of the finest, most efficient units on the market today. Outstanding features include a variable speed metal mesh belt; highest quality burners and controls; asbestos-lined side panels; and all steel construction. Made in basic 8 foot lengths -- a longer conveyor can be furnished if desired.



MODEL FTG-5.. For bottles of up to 5" Diameter by 6" high..... PRICE \$1085<sup>00</sup>  
Crating \$45.00

MODEL FTG-8.. For bottles of up to 8" diameter by 8" high..... PRICE \$1445<sup>00</sup>  
Crating \$55.00

# "3 IN ONE" UNIVERSAL PRECISION HAND PRINTER

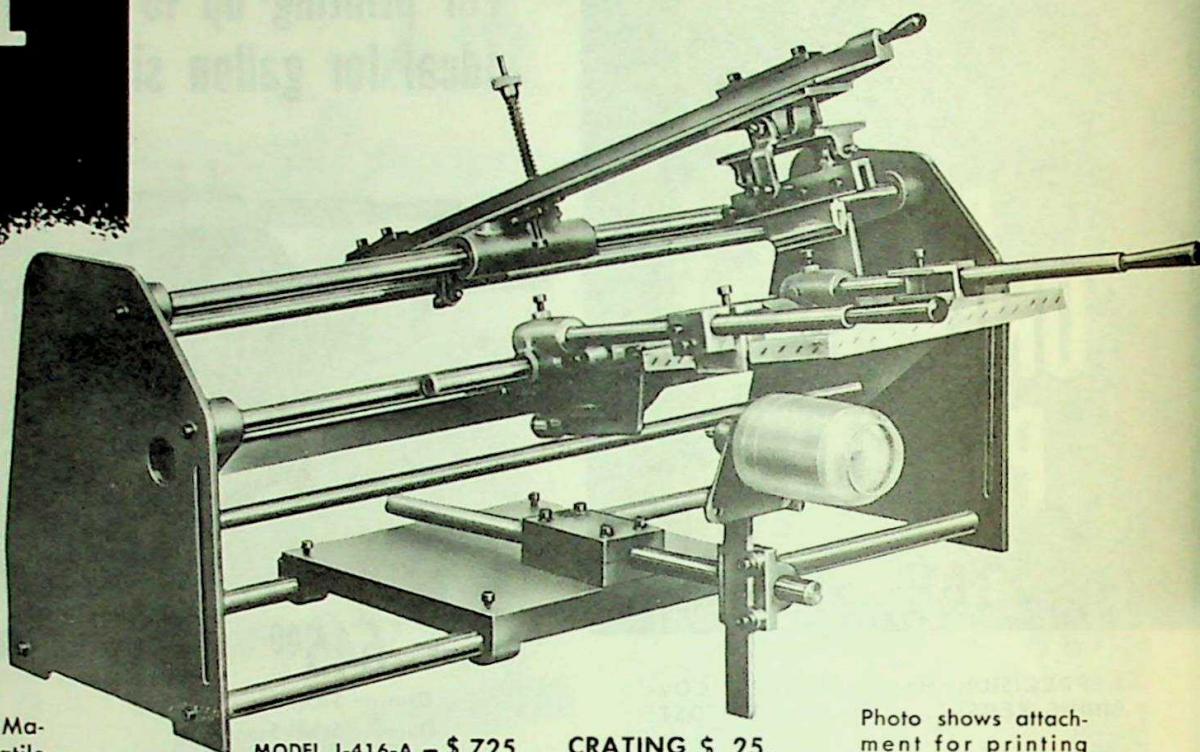
## Model I-416

The Universal Hand Screen Printing Machine Model I-416 is the most versatile and smooth operating hand printer available today. Simple attachments are easily adjusted to adapt the machine for printing conical, cylindrical, flat and other shaped objects. Its sturdy precision construction and ball-bearing action assures high output and sharp printing in perfect registration. An operator can easily produce 500 prints per hour. The following equipment is furnished with each basic model: 1 set roller wareholders with ball-bearing action, 1 Flatbed attachment with sturdy plywood base, 1 Squeegee, 1 Conical Arm Attachment.

### OPTIONAL EQUIPMENT

1. Wareholder for Open-end Cylindrical and Conical Objects.
2. Neck-holder Wareholder, Spring-tensioned for printing containers.
3. Automatic Inflation Device for printing thin plastic containers.
4. Large Object Printing Attachment.
5. Bottom Cup Wareholders for cylindrical objects used in conjunction with Neck Wareholders. Price depends on size of object. Samples or drawings must be submitted.
6. Vacuum Bases, Plain or Illuminated are furnished with vacuum control device.

**SQUEEGEE FOR ALL ABOVE MODELS:**  
\$2.95 per inch

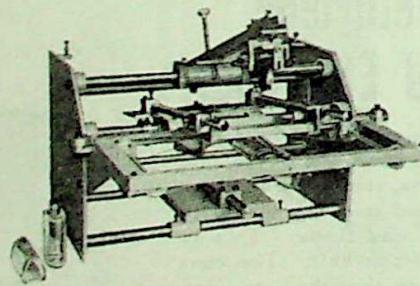


MODEL I-416-A - \$ 725. CRATING \$ 25.

Photo shows attachment for printing Conical Objects.

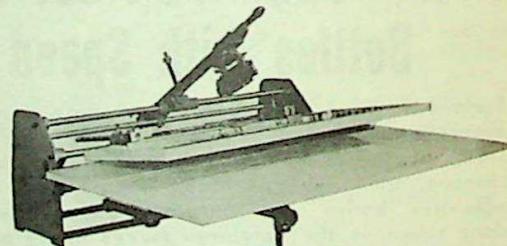
- Ideal for Printing Cone-shaped Objects—has adjustable shaft attachment which provides positive radial screen action to fit contour of any taper cones.
- Rugged, long-lasting Steel Construction.
- Smooth Ball-Bearing Action.
- Versatile—simple attachments for printing conical, cylindrical, flat and other shaped objects.

### AVAILABLE IN THREE STANDARD MODELS



MODEL I-416-B

This machine has attachment for printing large, odd-shaped objects.



MODEL I-416-C

Flatbed attachment for printing flat objects is in position in this photo. It can be furnished with vacuum base.

### S P E C I F I C A T I O N S

Cylindrical Printing Specs.	MODEL I-416-A	MODEL I-416-B	MODEL I-416-C
Minimum Diameter	1/3"	1/3"	1/3"
Maximum Diameter	4.8"	8"	11.2"
Max. Height of Objects	14"	16"	20"
Flat Printing Dimensions	11 5/8" x 16 1/2"	16 1/2" x 23 3/8"	24" x 33"
Overall Machine Dimensions	28" x 28" x 27"	42" x 32" x 24"	78" x 36" x 24"
Weight	190 lbs.	235 lbs.	365 lbs.
Prices-F.O.B. Chicago	\$725. Crating \$25.	\$995 Crating \$35.	\$1495 Crating \$50.

**ADVANCE PROCESS SUPPLY CO., INC.**  
CHICAGO 12, ILLINOIS U.S.A.



# *automatic*

## CONICAL BOTTLE And CONTAINER PRINTER

### UP TO 3,000 PIECES PER HOUR

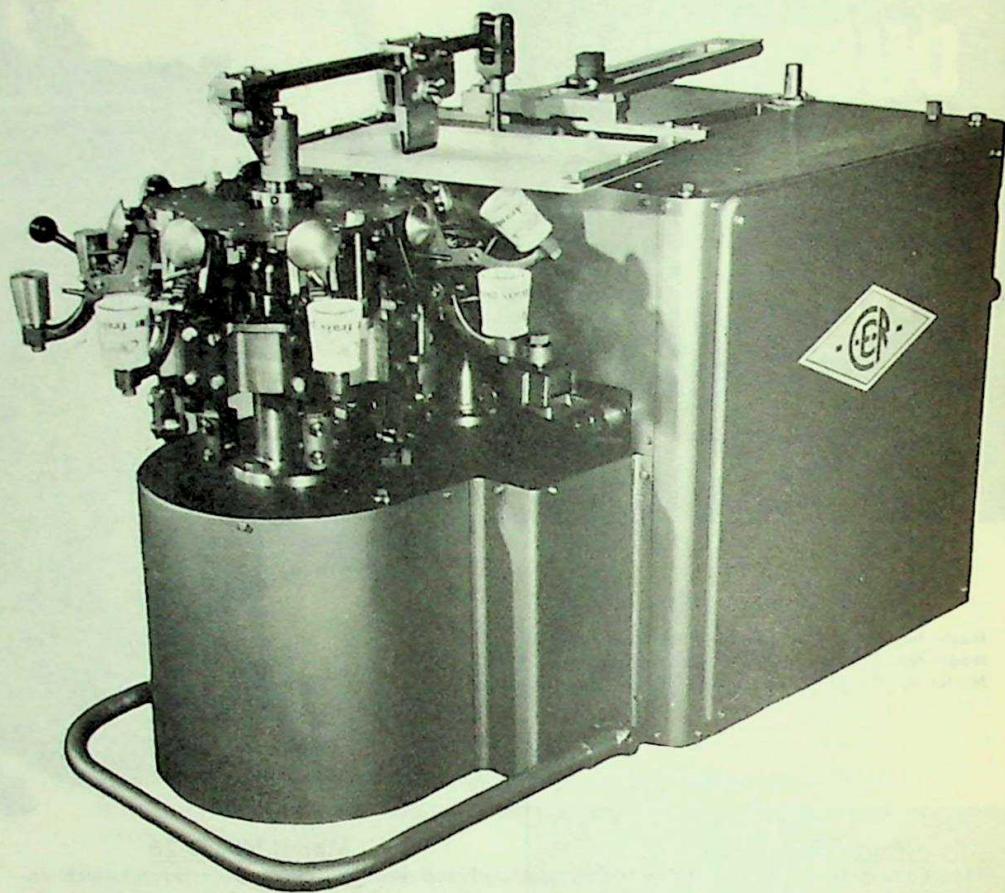
#### MODEL NO. CER-195-CA

High production screen printer for all cone-shaped objects. Especially designed to print open end conical containers having their opening either on the side of the small diameter as well as the large.

This well designed and sturdily constructed screen printer can be easily adjusted. Set-up and operation is simple.

The objects to be printed are placed by the operator on wareholder on a horizontal Turret with 8 stations. A reversing adjustment permits a quick change-over to cones having a reversed taper. (Opening at the small diameter). The objects are carried under the screen, printed by the specially designed adjustable screen, and carried around to the Take-Off position.

The Turret can be fitted with fixture and attachments for Multi-Colored Registration, Inflating Device for soft-walled containers, and a wide variety of wareholder attachments.



The Turret and screen movements are perfectly synchronized and are so engineered as to assure the most precise operation and no possibilities of getting out of order.

The squeegee is raised by a cam

at the end of stroke thus hopping over paint so that the squeegee carries sufficient paint in front of it for next printing stroke.

A Brake foot bar allows instantaneous stops by operator.

#### SPECIFICATIONS

Maximum Diameter	5.2"	Motor Fractional H. P.
Maximum Length of Edge	6"	Space Occupied: - Width
Maximum Length of Generator	10"	- Depth
3 Speeds		- Height
Output from 2,000 to 3,000 Per Hour		Weight: 1,250 lbs.

MODEL NO. CER-195-CA ..... \$6,875. CRATING-\$ 95.



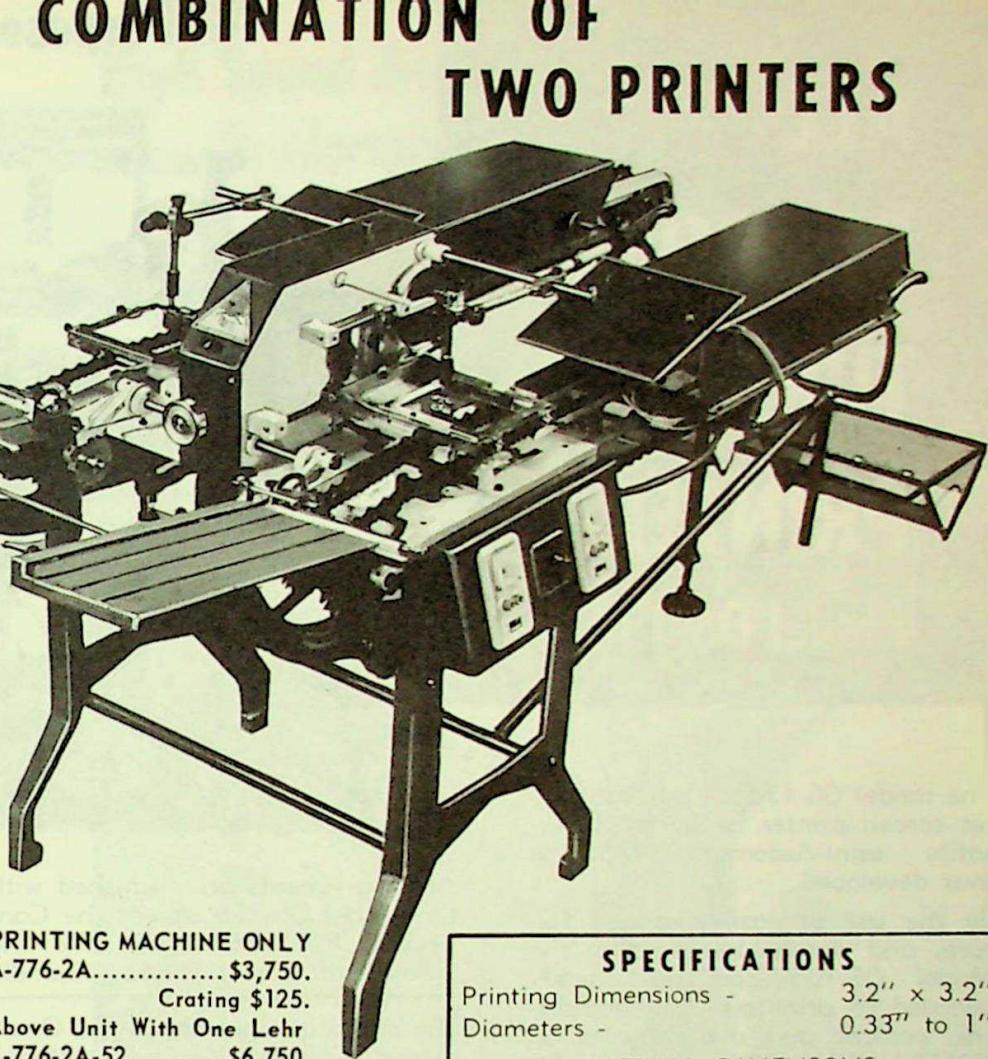
**PROCESS SUPPLY CO., INC.**

CHICAGO 12, ILLINOIS U.S.A.

**TWIN UNIT  
Fully  
Automatic  
Small  
Cylindrical  
Printer**

**MODEL A-776-2A**

This combination makes it possible to double production up to 6,000 pieces per hour with one operator, saving in floor space and less operational cost. This twin printer duplicates all the outstanding features of Model A-776 including the electrically heated drying tunnels as standard equipment. Can be attached to Firing-in-Ovens (Lehr) Cat. No. A-52 for firing in of glass.



**PRINTING MACHINE ONLY**

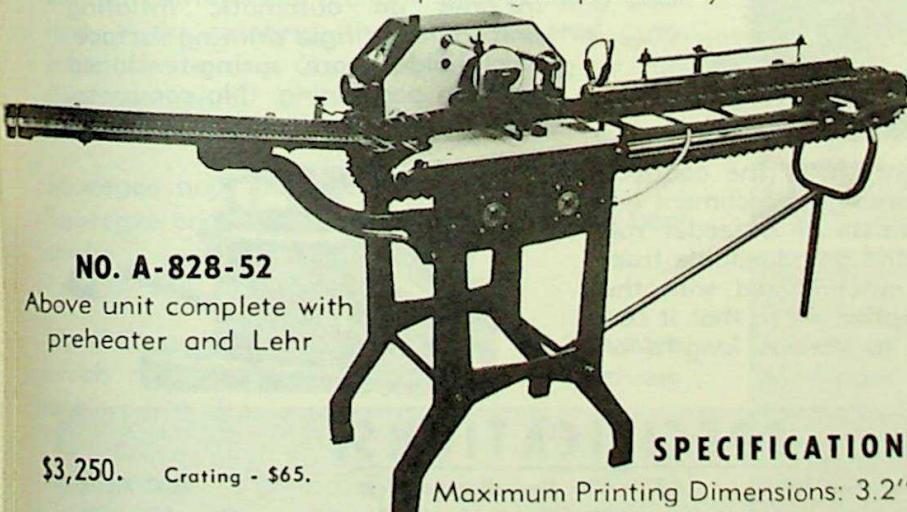
A-776-2A.....	\$3,750.
	Crating \$125.
Above Unit With One Lehr	
A-776-2A-52.....	\$6,750.
	Crating \$150.
Above Unit with Two Lehrs	
A-776-2A-52-A.....	\$9,750.
	Crating \$225.

**SPECIFICATIONS**

Printing Dimensions -	3.2" x 3.2"
Diameters -	0.33" to 1"
<b>OVERALL DIMENSIONS</b>	
88" x 48" x 42"	
Weight -	500 lbs. approx.
Motor -	Fractional h.p. 100 v. 60 cycles

**AUTOMATIC DOUBLE PRINT VIAL PRINTER**

Ampoule Screen Printing Machine to print a ceramic breaking-off ring on the ampoule construction, in addition to regular print on ampoule body.



**NO. A-828-52**

Above unit complete with preheater and Lehr

\$3,250. Crating - \$65.

**SPECIFICATIONS**

Maximum Printing Dimensions: 3.2" x 3.2"  
Diameters: 0.33" to 1"  
Motor: Fractional h.p. 110 V. 60 Cycle  
Output: 3,000 pieces per hour, approx.

The machine performs the following operations:

—the printing of a special ceramic breaking-off ring on the constriction of the ampoule. The ampoule neck will be easily and neatly broken off by the simple pressure of a thumb.

—the silk screen printing of any wording on the ampoule body by means of a special adjustable pressure fork.

Automatic feeding hopper of a modern and new design which guarantees a sure and continuous operation.

Immediate drying of printing during the passage of printed pieces through a heated tunnel.

Very easy operation and smooth running.

The printing machine may be coupled to our Firing-in furnace, for the firing-in and annealing process, which has an output of 2700 pieces per hour approx. One Operator.

**ADVANCE PROCESS SUPPLY CO., INC.**

CHICAGO 12, ILLINOIS U.S.A.

# ALL PURPOSE TURRET PRINTER

**Model OS-136**

The model OS-136 all purpose turret screen printer is the most versatile semi-Automatic Machine ever developed.

By the use of easily-changed fixtures and wareholder spindles, the Model OS-136 can be quickly adapted to print on flat, cylindrical, conical and oval objects. A CONTINUOUS ROLL Printing Attachment is a unique feature of this machine.

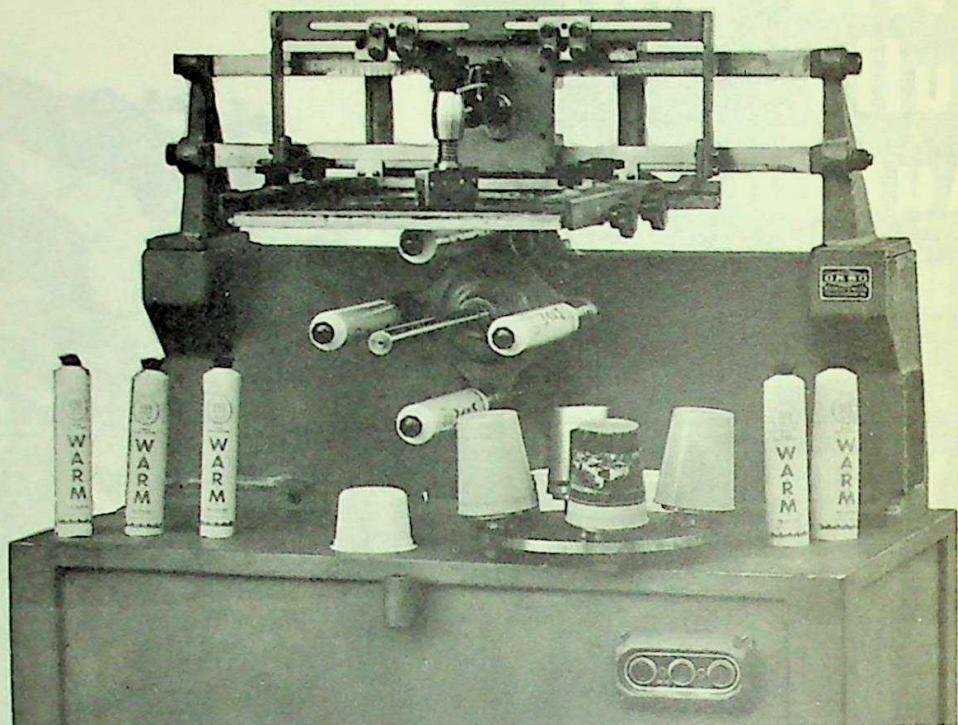
Each spindle attachment wareholder is gear-driven and rotates in synchronization with the movement of the screen to insure sharp impressions and positive registration. The screen frame holder is adjustable for various size frames. Various length squeegees can be ordered with the machine.

The machine above, is equipped with a Cylindrical Spindle attachment ready to print squeeze-tube containers. A conical Wareholder Spindle attachment, with cone-shaped cups in place, is resting on the machine shelf in this picture. Wareholders can be furnished for various sizes. Samples or accurate drawings must be submitted with orders for special sizes.

Flat Surface Attachment and Drum Spindle for printing small flat and slightly rounded objects is also available. Picture and specifications are available on request.

**Model No. OS-180.....\$1,840.**  
Crating - \$50.

## All Purpose Turret Printer



All attachments are furnished with the Model OS-136 except the Continuous Roll attachment and the Small Flat Object Printing Spindle

The photo at right shows the Oval-shaped Container Spindle attachment in place. Spring-tensioned neck-holders keep containers positioned for accurate registration as gears rock wareholders in synchronization with the movement of screen. For soft-walled oval containers, the inflating attachment should be used for best results.

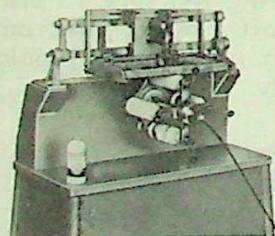


Photo at right shows the continuous roll printing attachment in place. It consists of a feeder roll attachment and an adjustable traction device synchronized with the printing operation — so that it can be adjusted to various lengths of print.

unless order specifies certain attachments only. Additional attachments and specific size wareholders can be ordered.

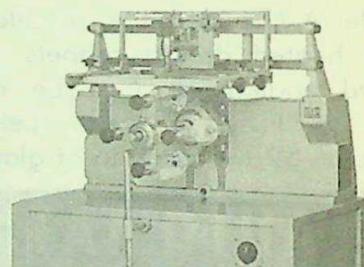
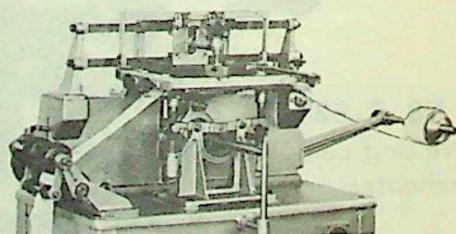


Photo at left shows spindle attachment in place for printing soft-walled cylindrical containers. It includes an automatic inflating unit to insure rigid printing surface. Neck-holders are spring-tensioned for firm positioning. (No compressor is furnished with this machine).



### SPECIFICATIONS

Max. Printing Dimensions	8.8" x 8"	Production Per Hour	1200 Pieces
Minimum Diameter	1"	Overall Machine Dimensions	32" x 20" x 50"
Maximum Diameter	4½"	Motor - 110 Volts - Single Phase - AC 1/4 H.P.	
Max. Height of Objects	10"	Weight	250 lbs.

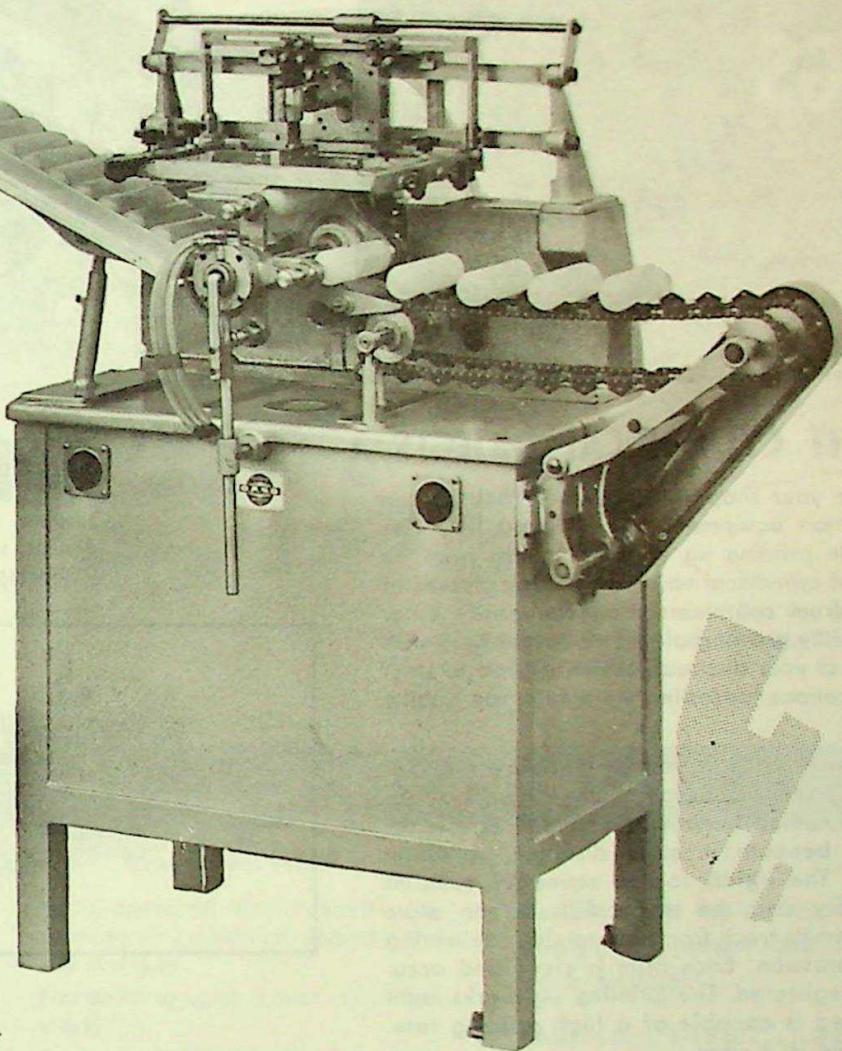


**ADVANCE PROCESS SUPPLY CO., INC.**

CHICAGO 12, ILLINOIS U.S.A.

# FULLY AUTOMATIC TURRET PRINTER

High Speed Automatic Cylindrical  
Production At Low Cost



- ⑩ Multi-Color Registration Device.
- ⑩ Automatic Inflating Device for soft-walled plastic containers.
- ⑩ Adjustable Stroke
- ⑩ Adjustable Frame Holder.

Parts to be printed are placed in Feed-Hopper and are fed automatically into machine. They are picked up by wareholder fixture on four station Turret and brought into printing position. After printing, they are delivered automatically onto a Conveyor for drying or further processing.

Squeegee hops paint at end of stroke, so that Squeegee comes in behind paint supply for next stroke.

Multi-Color Registration is carried out by gears, which rotate object to be printed in synchronization with frame movement.

MODEL NO. OS 136-FA.....\$ 2,375.

CRATING - \$ 50.

## SPECIFICATIONS

Maximum Printing Dimensions .....	8 8 " x 8 "
Minimum Diameter.....	1"
Maximum Diameter.....	4 1/2 "
Maximum Height of Objects.....	10 "
Production Per Hour.....	2000 Pieces
Overall Machine Dimensions .....	32" x 20" x 50"
Motor.....	110 Volts - Single Phase - AC 1/4 H.P.
Weight.....	350 lbs.

INVESTIGATE THE AMERICAN "STEREO" DRYER FOR ABOVE UNIT

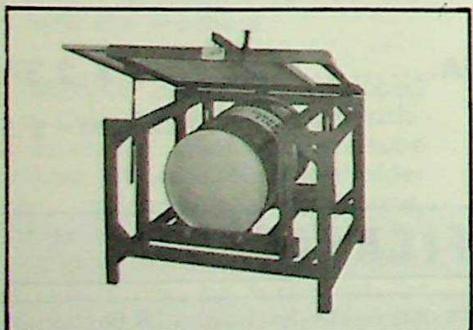
**ADVANCE PROCESS SUPPLY CO., INC.**  
CHICAGO 12, ILLINOIS U.S.A.

# CYLINDRICAL JIGS

## PRINT CYLINDRICAL OBJECTS

Provide your shop with the latest Silk Screen production equipment, the printing jig. This versatile printing jig enables you to print all types of cylindrical objects from tiny glasses to large drum containers. You can easily enter the rapidly growing plastic container field with this jig at your disposal. Manufactured to strict specifications for lasting wear from top quality woods.

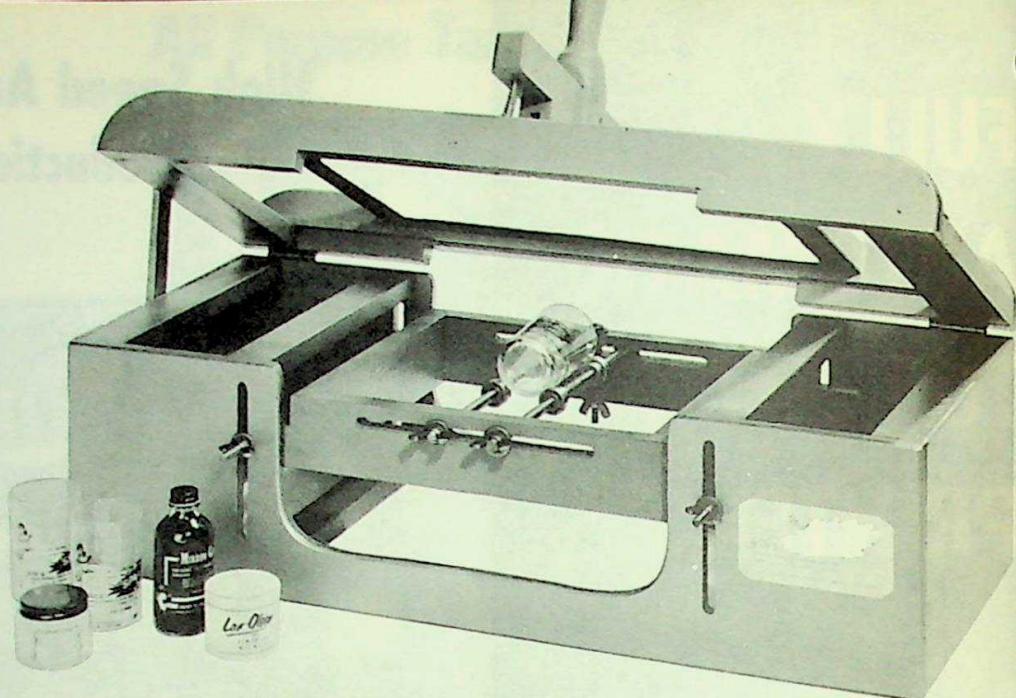
Each Sprinting jig uses an ordinary flat Silk Screen plate. In operation, the cylindrical object is cradled beneath the screen and is revolved beneath it at a distance of about  $1/16"$ . The rigidly locked squeegee remains stationary and the entire Silk Screen plate moves on its track from side to side, delivering the impression. Each print is clear and accurately registered. The printing jig works manually and is capable of a high printing rate. Available in 4 sizes.



### "C" Model

For printing large cylindrical objects up to the dimensions of a 50 gal. drum.

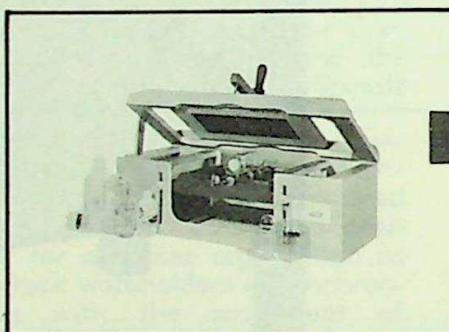
\$219<sup>00</sup>



### PEE-WEE

Just the thing for small cylindrical items such as pens, pencils, water glasses, etc.

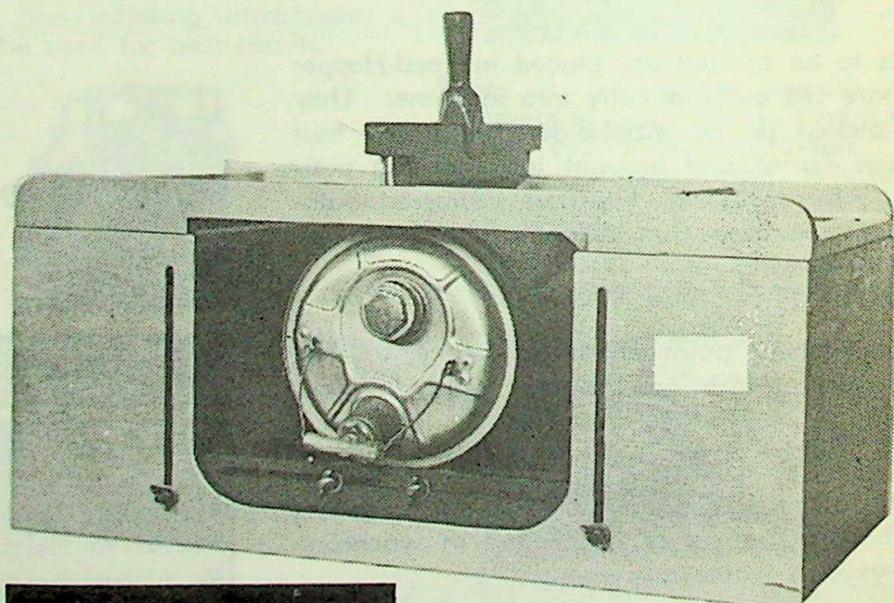
PRINTS: 1" to 4" diameter 1" to 5" long. \$39.95



### Junior Model

An ideal jig for screening any cylindrical object from a small tube to almost a gallon size container. Any object up to 6 in. diameter by 7 in. long.

\$89.50



### "B" Model

For printing objects up to 11 in. in diameter by 14 in. long. This includes 5 gal. cans.

\$149<sup>00</sup>



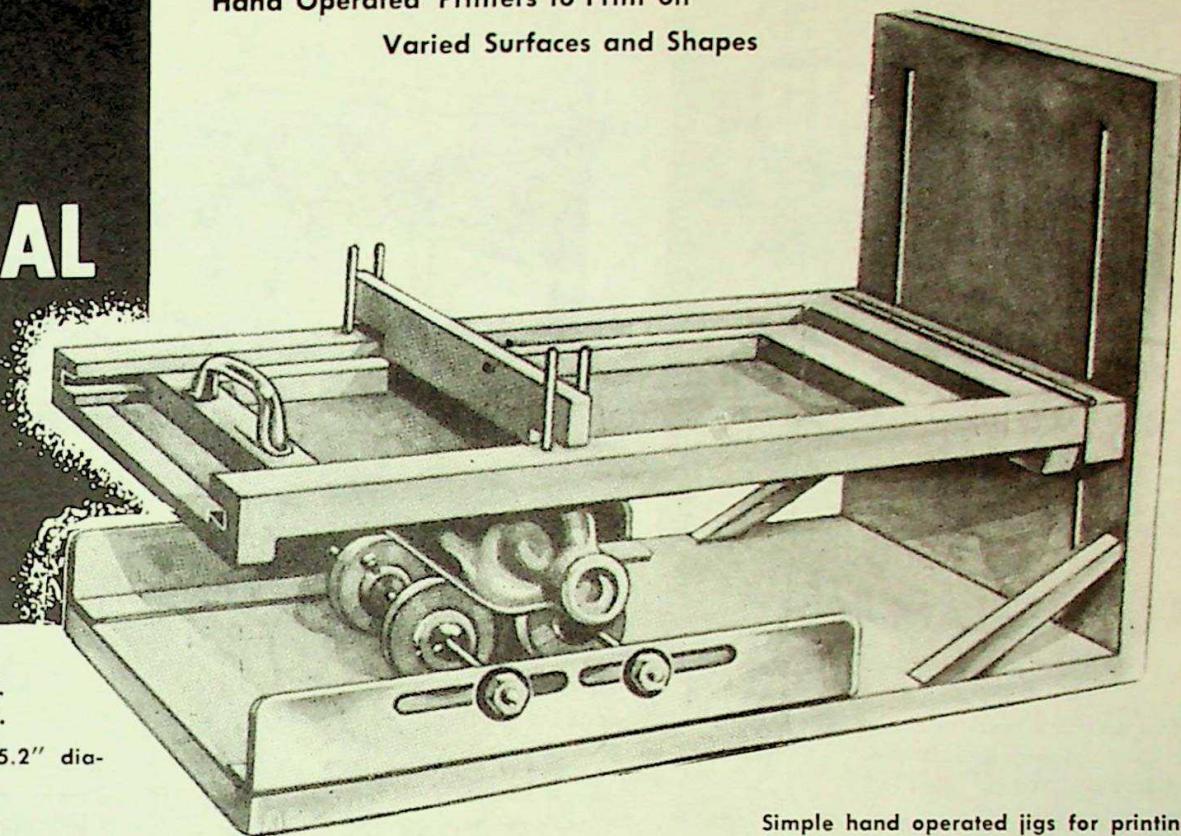
**ADVANCE PROCESS SUPPLY CO., INC.**

CHICAGO 12, ILLINOIS U.S.A.

# Specialized

# HAND and CYLINDRICAL PRINTERS

Hand Operated Printers to Print on  
Varied Surfaces and Shapes



Size #1 Model No. T-176

\$89. Crating - \$12.

1. Printing area, max. 4" x 5.2" diameters from 0.4" to 6".

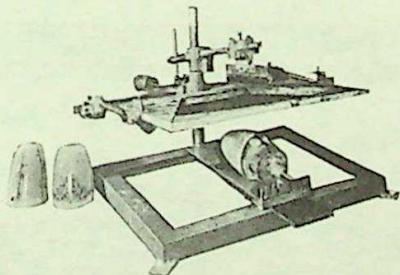
Size #2 Model No. T-178

\$99. Crating - \$15.

2. Printing area, max. 8" x 10" diameters from 0.6" to 7.2".

Simple hand operated jigs for printing on small cylindrical objects, available in two models.

## HAND UNIVERSAL SCREEN PRINTER



**Model No. I-188**

Hand-operated screen printer for printing on cylindrical, conical, and flat surfaces.

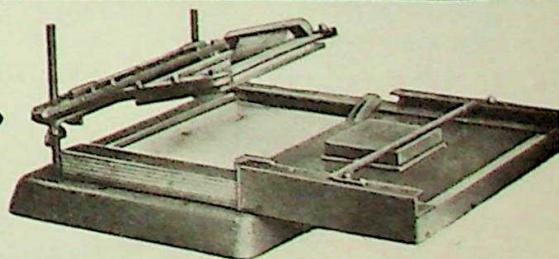
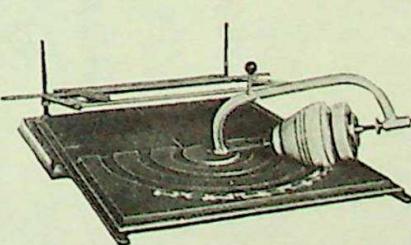
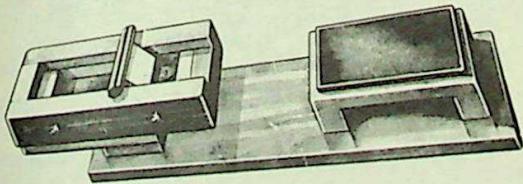
Flat printing up to a max. of 11  $\frac{5}{8}$ " x 6  $\frac{1}{2}$ ".

Cones and cylindrical objects from a diameter of 0.3" to 6". Max. length of objects to be printed—16".

Send sample for a complete analysis of proper unit for your product.

**Model No. I-188.....\$435.**

## MANUALLY OPERATED SCREEN OFFSET PRINTERS



Hand Offset Screen Printer available in two sizes: 9  $\frac{1}{2}$ " x 13" and 6  $\frac{1}{2}$ " x 13".

**Model No. T-192.....\$69.**  
Crating - \$10.

Operate by offsetting on gelatin or rubber blanket. Object can then be rolled or pressed to obtain the print.

Rotating Offset Printer

**Model No. CER-200.....\$267.25**  
Crating - \$25.

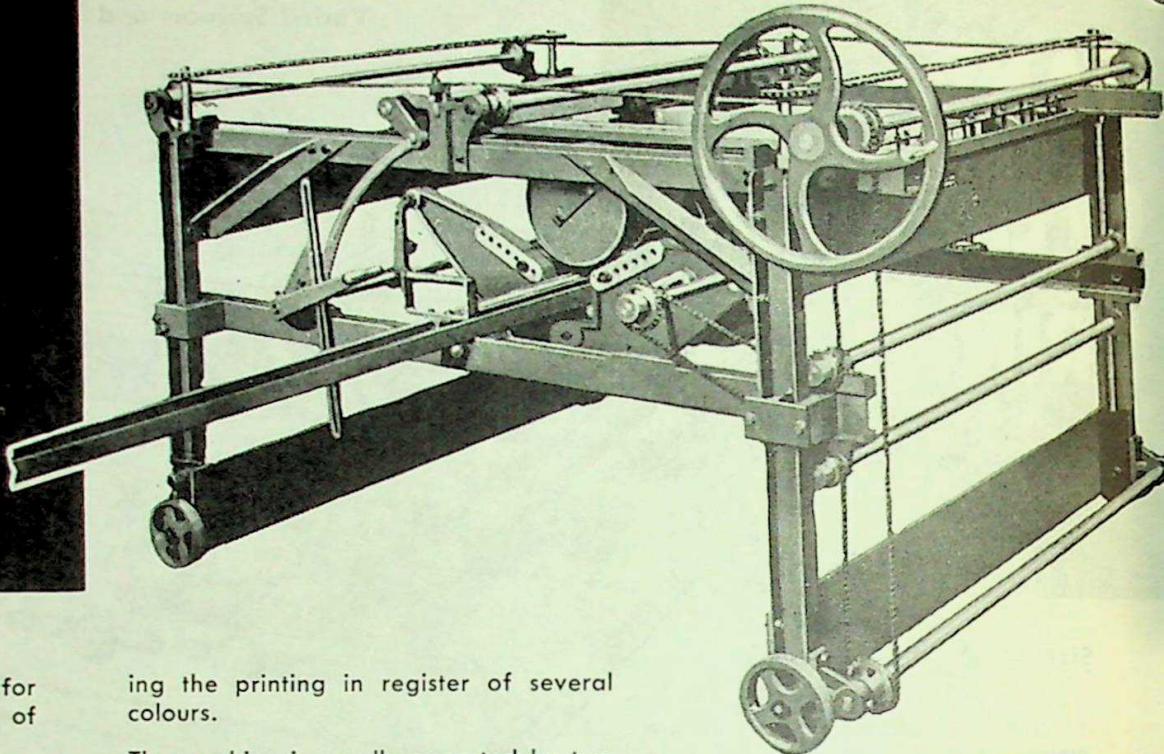
Flat Bed Offset Printer

**Model No. CER-210.....\$267.25**  
Crating \$25.

**ADVANCE PROCESS SUPPLY CO., INC.**

CHICAGO 12, ILLINOIS U.S.A.

# DRUM AND PAIL PRINTERS



Model No. D-541

This machine was specially designed for printing drums (cardboard or metal) of diameters from 8" to 25".

The drum is placed on a sliding carriage and pushed into the printing position. A lever brings the drum in contact with the screen, and the printing is done by turning a flywheel. A patented device ensures that the surface speed of rotation of the drum is the same as the speed of the movement of the screen, thus allowing

the printing in register of several colours.

The machine is usually operated by two men, one feeding the drums and bringing them into the printing position, the other operating the flywheel and withdrawing the printed drums.

It is sometimes possible to fit the machine with an automatic ejection of printed drums.

**Model No. D-541.....\$3,328.**  
Crating \$75.

**SPECIFICATIONS**

Maximum length of design.....	36"
Production .....	200-400 per hour
Weight .....	880 lbs.
Dimensions .....	98" x 72" x 60"

## Fully Automatic Continuous Roll Printer

Screen Printing Installation for continuous Rolls.

Multi-Color printing can be accomplished in register as the squeegee prints only in one direction.

Standard Equipment for single-color printing:

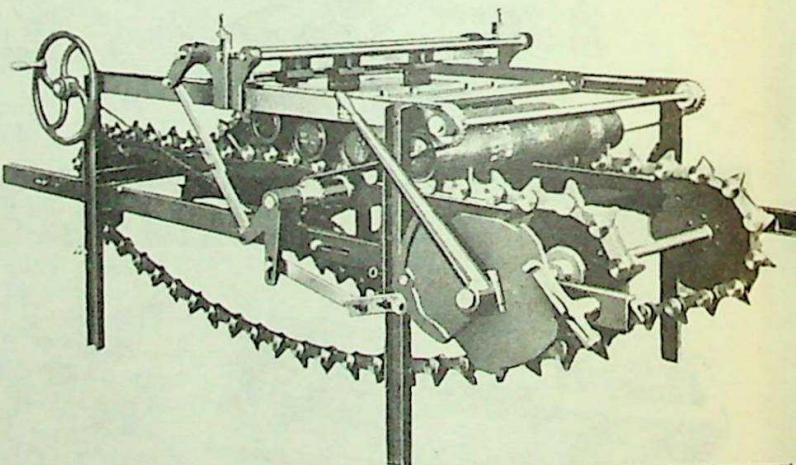
Multi-Color printing is accomplished by running previously printed roll, after drying, through the printing set-up; or by having a series of the above installations; one for each color desired, with drying installation between each printing station.

**Model No. D-155-CRP.....\$5,060.** Crating - \$95.

**SPECIFICATIONS**

Maximum width of rolls—12"
Maximum printing width—10"
Maximum printing length—32"
Production per hour—approx. 1,350 yards an hour.

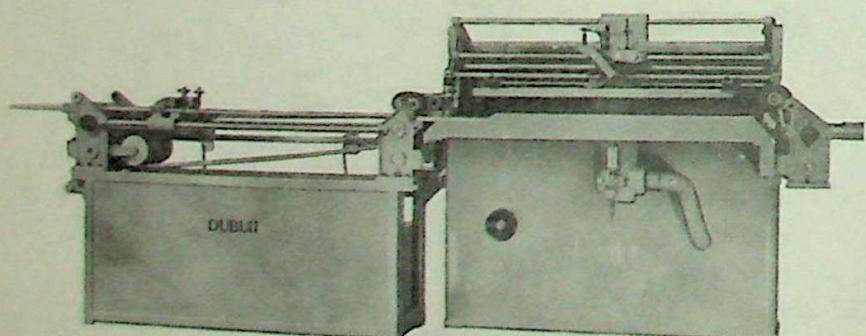
## Machine for Printing Drums and Tubes (Smaller Size)

**Model No. D-340**

**Model No. D-340 .....\$5,175.** Crating \$75.

This is a similar machine to the above; it prints cylinders or drums from 6" to 10" in diameter. The feed is by chain, giving an increased production.

If the drum has ribs, separate screens are used to print the space between the ribs.



**ADVANCE** PROCESS SUPPLY CO., INC.

CHICAGO 12, ILLINOIS U.S.A.

# DRUM AND PAIL PRINTER

FOR PRINTING  
LARGE CYLINDRICAL OBJECTS

*Also Prints Three Separate Screens  
Between Ribs Of Drums*

## RUGGED ALL-METAL CONSTRUCTION

This drum and pail printer is a one-man or two-man hand operated machine with a capacity of from 200 objects per hour and as high as 400 per hour as the skill of the operator develops. Where two operators are employed, one feeds the drum into position and takes off and the other operates the printing mechanism.

It is designed for printing on drums (metal or fiber), pails, compressed air cylinders and other large cylindrical containers from 8" to 28" in diameter. The screen frame holder is adjustable to receive different width screens.

Model T-939-1 is recommended for printing on ribless containers such as fiber drums and other smooth surfaced cylinders. Model T-939-3 is especially designed for printing on ribbed drums with all sections printed simultaneously, as well as on smooth-surfaced cylinders.

Both models are equipped with a specially designed squeegee mechanism that enables you to print with equally good results on the forward or backward stroke. This gives you double action resulting in increased production.

You will find this rugged, all-metal machine far superior and lower in cost.

## TWO MODELS AVAILABLE

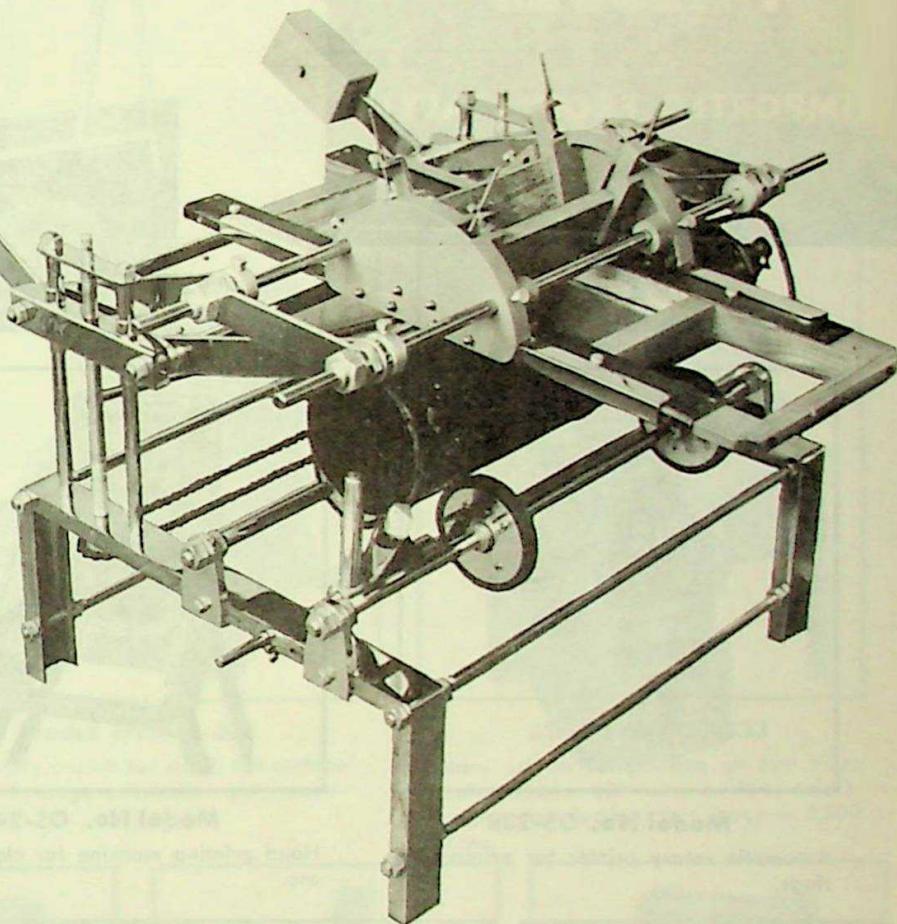
### MODEL No.T-939-1

for ribless containers . . . . . \$635.00  
Plus \$30 Crating

### MODEL No.T-939-3

for ribbed containers . . . . . \$668.00  
Plus \$30 Crating

EXTRA SQUEEGEE SLIDING BRACKETS  
for either model . . . \$5.00 per set of 2



UP TO 55 GALLON DRUM

## SPECIFICATIONS

Production . . . . .	200-400 per hour
Weight . . . . .	190 lbs.
Diameter of Objects . . . . .	from 8" to 28"
Dimensions . . . . .	78" x 60" x 40"

**ADVANCE** PROCESS SUPPLY CO., INC.

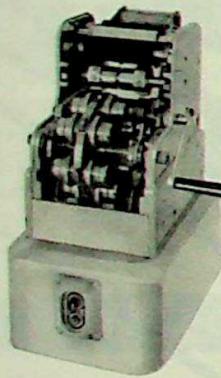
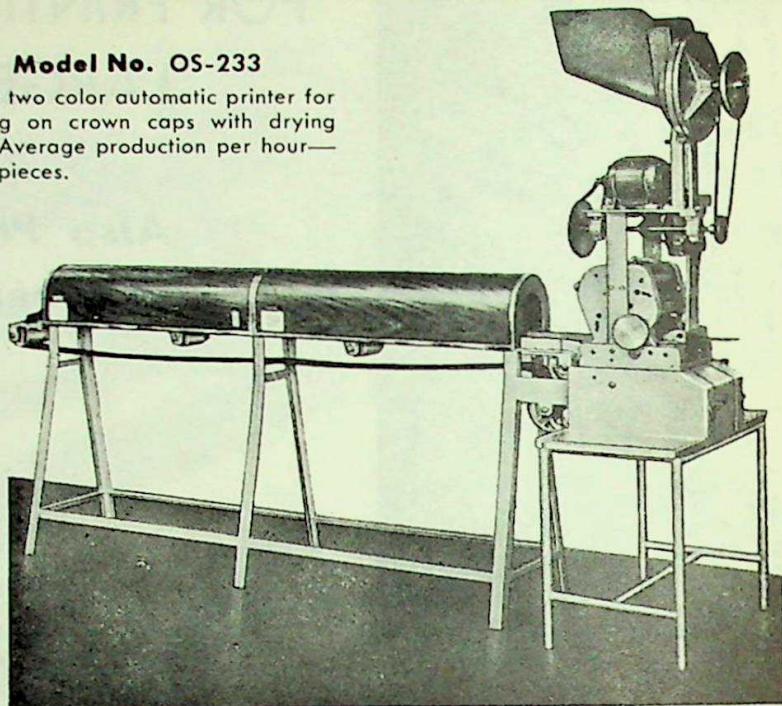
CHICAGO 12, ILLINOIS U.S.A.

# SPECIAL ROTARY PRESSES

(IMPORTED FROM ITALY)

**Model No. OS-233**

Rotary two color automatic printer for printing on crown caps with drying oven. Average production per hour—6000 pieces.

**Model No. OS-238**

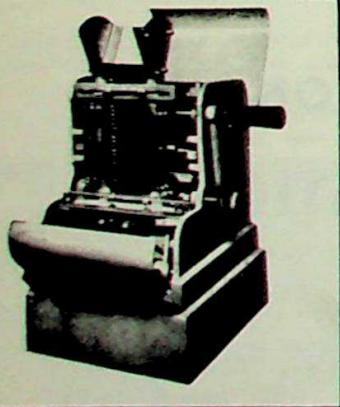
Automatic rotary printer for printing on rings.

**Model No. OS-240**

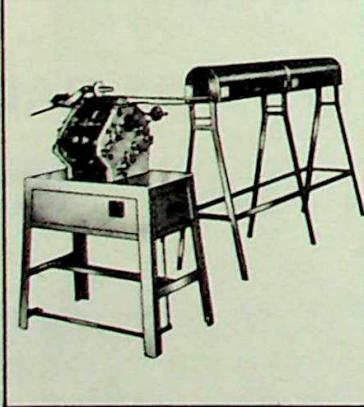
Hand printing machine for cloth, paper, etc.

**Model No. OS-253**

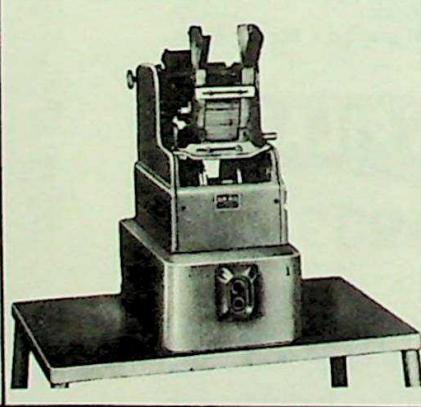
Hand flat printer suitable for radio accessories, small articles, etc. Average production per hour—500 to 600 pieces.

**Model No. OS-261**

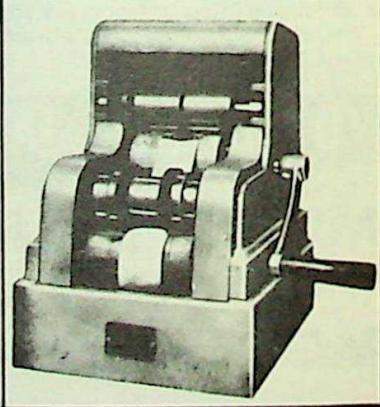
Hand printing machine for small cylindrical objects. Average production per hour—500 to 600 pieces.

**Model No. OS-269**

Three color rotary printer for printing on continuous ribbons on various materials, such as Polyethylene tubing. Provided with rewinding device. Can be furnished with an infra-red drying oven.

**Model No. OS-275**

Automatic rotary printer for resistance condensers and other articles for cylindrical surfaces. Average production per hour—1200 to 3000 pieces.

**Model No. OS-295**

Hand rotary printer for printing on cloth, ribbons, small tubular articles of Polyethylene, etc.

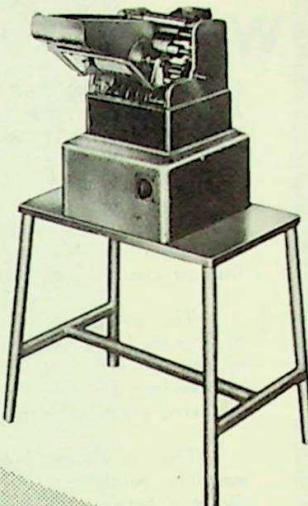
PRICES ON REQUEST**PROCESS SUPPLY CO., INC.**

CHICAGO 12, ILLINOIS U.S.A.

# PRINTS FROM RUBBER ENGRAVINGS . . .

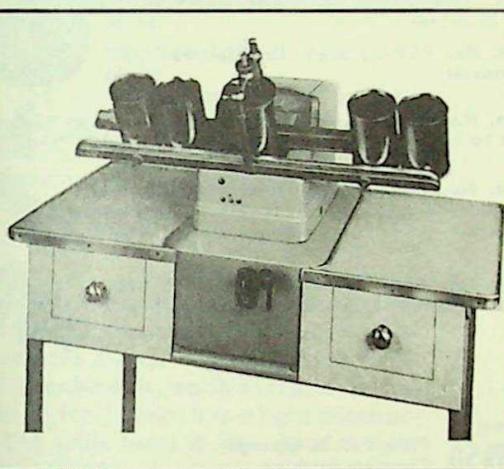
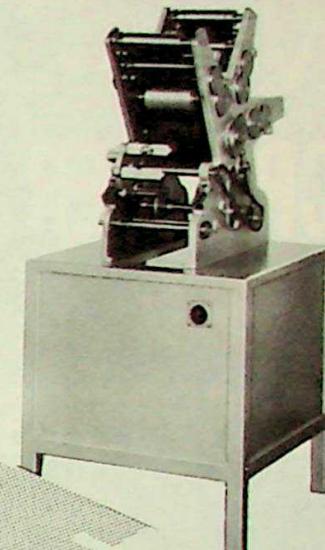
**Model No.  
OS-315**

Automatic rotary printer for printing on vials and other cylindrical objects. One or two color printing. Average production per hour—1200 to 3000 pieces.



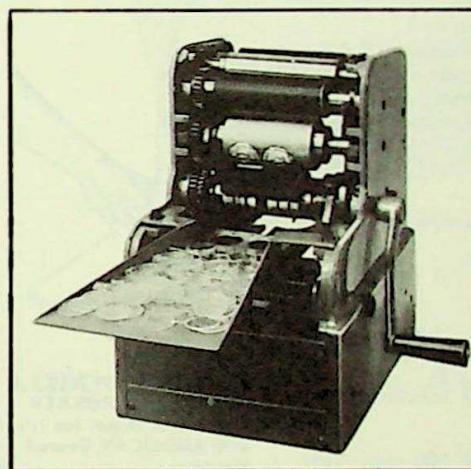
**Model No.  
OS-319**

Three color rotary printer with double device for printing on flat and cylindrical surfaces, suitable for printing on containers, small tubes and boxes with flat surfaces.



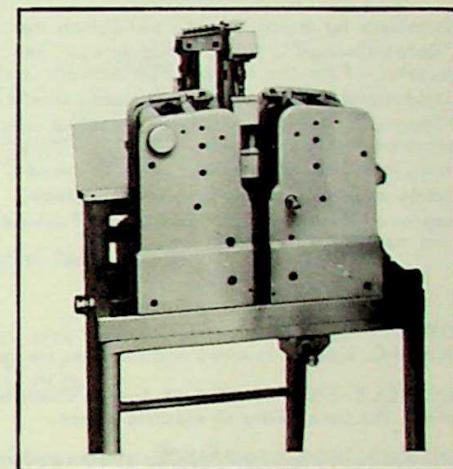
**Model No. OS-299**

Automatic printer for printing the inside of boxes, radio accessories, containers, etc. Average production per hour—1000 to 1200 pieces.



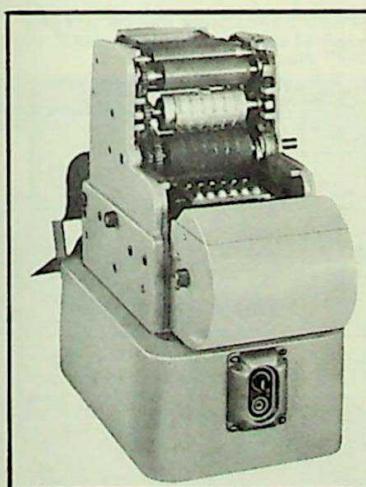
**Model No. OS-305**

Hand rotary printer for small, flat surface articles. Average production per hour—600 pieces.



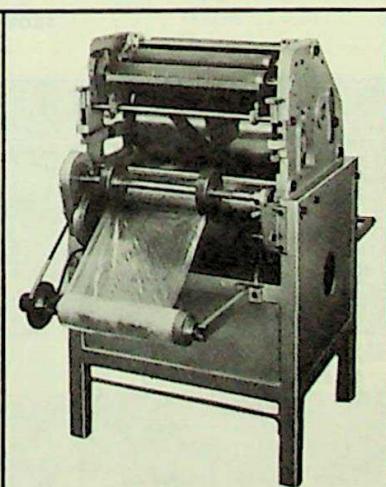
**Model No. OS-333**

Rotary printer for printing on two sides simultaneously with one or two colors. Average production per hour—1500 pieces.



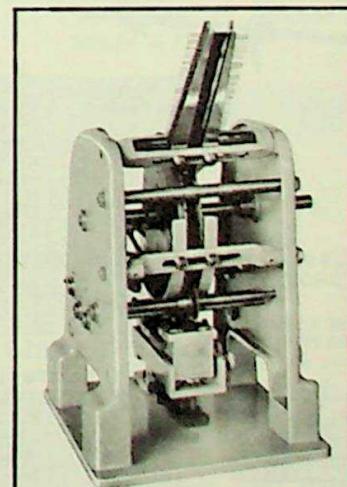
**Model No. OS-327**

Special rotary printer for printing on valves, flat surface boxes, etc. Average production per hour—1200 pieces.



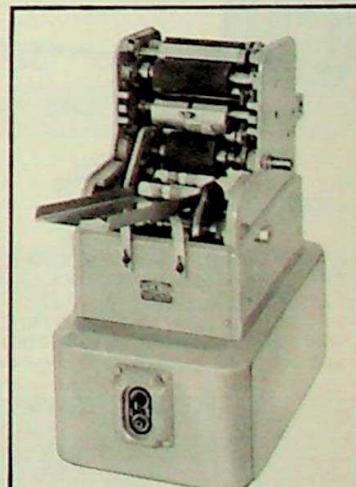
**Model No. OS-340**

Automatic continuous roll printer for printing on any material in rolls or sheets.



**Model No. OS-348**

Special four color printer for printing resistance codes. Average production per hour—1000 to 1200 pieces.



**Model No. OS-359**

Two color rotary printer for printing on articles, such as containers with cylindrical surfaces.

**PRICES ON REQUEST**



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CHICAGO 12, ILLINOIS U.S.A.



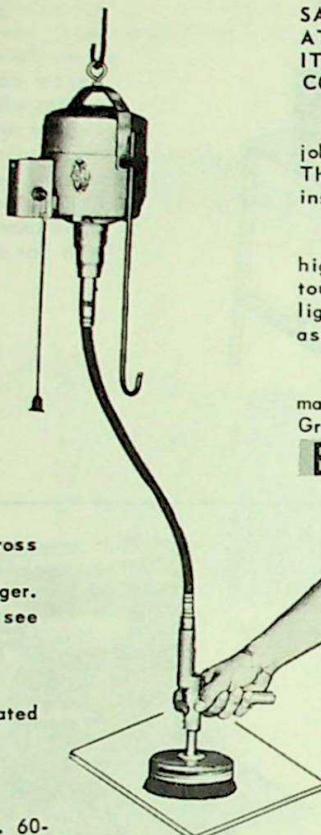
# SCRUBBER and Accessories

- Excellent for Metal, Dacron and Nylon Meshes.
- "Quick-Change" Geared Handpiece has convenient Cross Handle. Fits the hand....Will not get away from you.
- Light-weight flexible shaft....no thicker than a finger.
- "Snap-on" bristle or Nylon brushes (not included -- see accessories, below, right).
- Hang it anywhere....weighs only 12 pounds.
- Handy support hook to hang up handpiece.
- Approved three-wire cord and plug. Pull-switch with insulated cord assures safe operation.

**MOTOR:** General Electric, shaded pole type. 1/12 HP. 60-cycle, AC. Has no brushes and requires no service or lubrication.

**FLEXIBLE SHAFT:** 8 feet long. Completely insulated from motor. No possibility of electric shock.

**QUICK-CHANGE HANDPIECE:** Geared to run at 500 rpm. Just right for wet scrubbing.



Catalog No. PSP-1692  
AMERICAN SCRUBBER  
Suspension Model (as illustrated)  
with AMERICAN Geared  
Handpiece \$69.50  
(without brush).....

Price F.O.B. Chicago  
Complete machine,  
shipping weight only 14 lbs.

SAVE TIME ON SCREEN-FILM REMOVING OPERATIONS WITH THIS SCRUBBER....IT'LL PAY FOR ITSELF IN FASTER PRODUCTION AND LOWER COSTS!

The American Scrubber does a better cleaning job in less time and eliminates tedious handwork. The ingenious "Snap-On" Handpiece Spindle allows instant changing of Nylon or Brass Bristle Brushes.

The geared handpiece is interchangeable with a high speed handpiece (see accessories, below) for touchup work or for wire brushing or grinding. The lightweight shaft is plastic-covered and very flexible, assuring easy, effortless use of the Scrubber.

The Scrubber is also ideal for engravers, plate makers, printed circuit shops, and other tasks for Graphic Arts.

## Brushes and Other Accessories

Cat. No. PSP-51 American Nylon Brush, 5" diameter \$8.50

Cat. No. PSP-52 Brass Bristle Brush, 5" diameter \$9.00



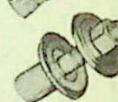
Cat. No. PSP-315 American Snap-On Arbor to hold brushes on handpiece. \$1.80



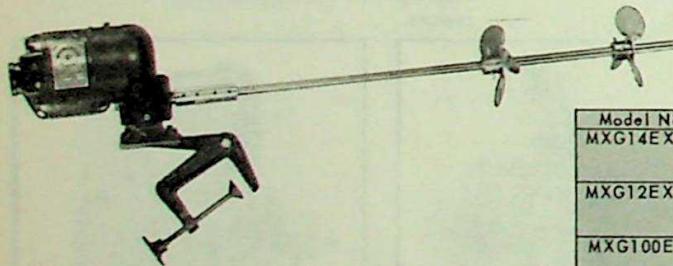
Cat. No. PSP-350 American High-Speed Handpiece, for small brushes or wire brushes, grinding wheels, etc.....\$6.50



Cat. No. PSP-365 Wheel Arbor to hold grinding wheels, etc. on handpiece. \$1.15



## PORTABLE MIXERS



- EXPLOSION-PROOF MODELS ARE UL APPROVED FOR CLASS 1, GROUP D, OR CLASS 2, GROUPS E, F, AND G APPLICATIONS
- RUGGED DESIGN AND CONSTRUCTION ASSURES DEPENDABLE, TROUBLE-FREE OPERATION.

### BLADES

Diameter	Shaft Size	Type Metal	Wt.	Price
4 inch	1/2" or 5/8"	Stainless		\$6.60
7 inch	5/8" or 3/4"	Stainless		\$12.50

PLEASE SPECIFY HORSEPOWER OF MOTOR AND SPEED AT WHICH BLADE IS TO BE RUN. ALSO SPECIFY WHETHER RIGHT OR LEFT HAND BLADE IS WANTED.

SLOW SPEED EXPLOSION PROOF MIXERS  
Length of shaft - 48" by standard  
3/4" diam. - Stainless Steel

Model No.	HP-Current	R.P.M.	Type Motor	Wt.	Clamps	List Price	Blades
MXG14EX	1/4-110-220 volt AC 60-cycle Single phase	420	Explosion Proof	100#	2	\$175.00	2-7" stainless steel
MXG12EX	1/2-110-220-volt AC 60-cycle Single phase	420	Explosion Proof	110#	2	\$275.00	2-7" stainless steel
MXG100EX3	1-110-220 volt AC 60-cycle Single phase	430	Explosion Proof	120#	2	\$310.00	2-7" stainless steel 1-10" aluminum
MXG123EX	1/2-220-440 volt AC Three Phase	430	Explosion Proof	110#	2	\$275.00	2-7" stainless steel
MXG1003EX	1-220-400 volt AC Three Phase	430	Explosion Proof	120#	2	\$310.00	2-7" stainless steel

MODEL MXG13 SHAFT: 48" long,  
3/4" diameter, stainless steel.

SLOW SPEED MIXERS WITH MOTOR  
110-220 Single Phase Standard

Model No.	HP-Current	R.P.M.	Type Motor	Wt.	Clamps	List Price	Blades
MXG-13	1/3-110-volts 60-cycle Single Phase	430	G.E. Stand.	53#	1	\$ 99.99	2-7" stainless steel
MXG-12	1/2-110-120 volt Single Phase	430	Standard	100#	2	\$175.00	2-7" stainless steel
MXG-100	1-110-120 volt Single Phase	430	Standard	120#	2	\$210.00	2-7" stainless steel 1-10" aluminum

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CHICAGO 12, ILLINOIS U.S.A.

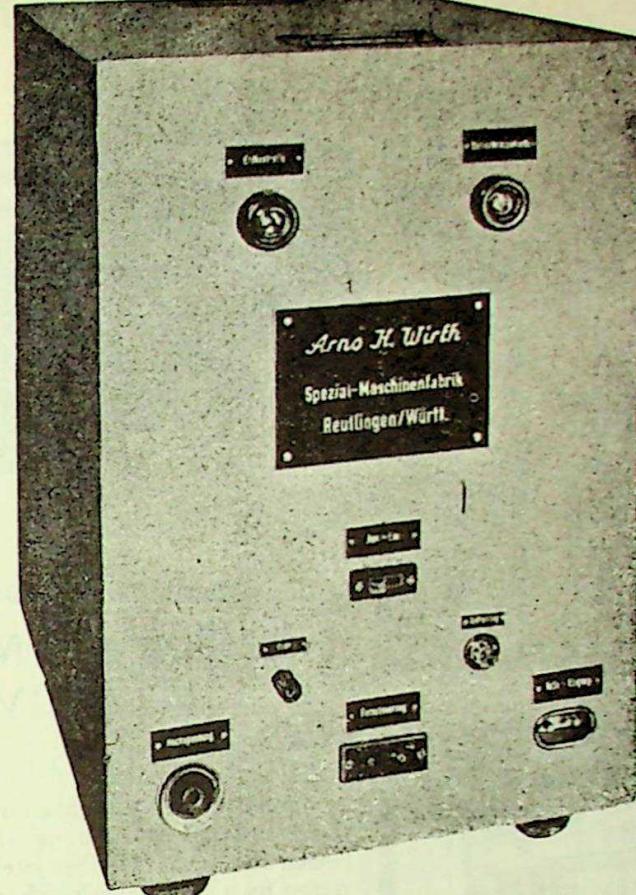
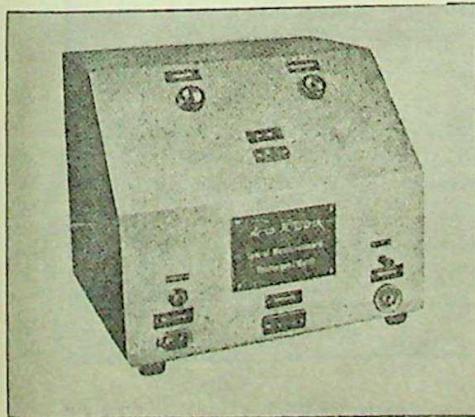
# ELECTROSTATIC FLOCKING UNITS

## Electrostats

**PURPOSE:** Apparatus producing high tension, suitable for smaller production in connection with flocking attachments, i.e., flocking of sheets or single objects.

**DESCRIPTION:** The units are corresponding to the VDE prescription. They are equipped with signal lamps for earth and high tension control, mains supply connection, operation switch, high tension exit, remote switch connection for additional attachments, earth socket and fuse equipped for 1 amp. It is a light construction. The units have a low dead weight and are tightly closed against dust. The high tensioned D. C. will be produced by condensers in connection with selenic rectifiers. If the unit is switched off, all high tension carrying parts can be touched immediately after earth connection, since no more accumulation takes place in the condensers.

Electrostat Model No. W-50



Model No. W-60

## Larger Electrostats Available

**Write for Information**

### SPECIFICATIONS

Height .....	20"
Length .....	14"
Width .....	20"
Tension .....	220 V. A.C.

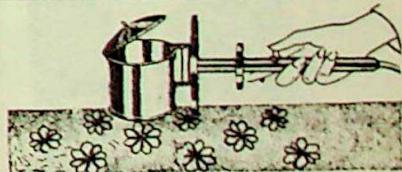
High Tension .....	52 kV D.C.
Power Consumption .....	60 Watts
Weight .....	84 lbs.

\$ 660. CRATING - \$ 35.

### AWR HAND SIEVE ATTACHMENT

Model No.  
W-10

\$ 75.



### SPECIFICATIONS

Height .....	16"
Length .....	16"
Width .....	13½"
Tension .....	220 V. A.C.
High Tension .....	34 kV D.C.
Power Consumption .....	.50 Watts
Weight .....	73 lbs.

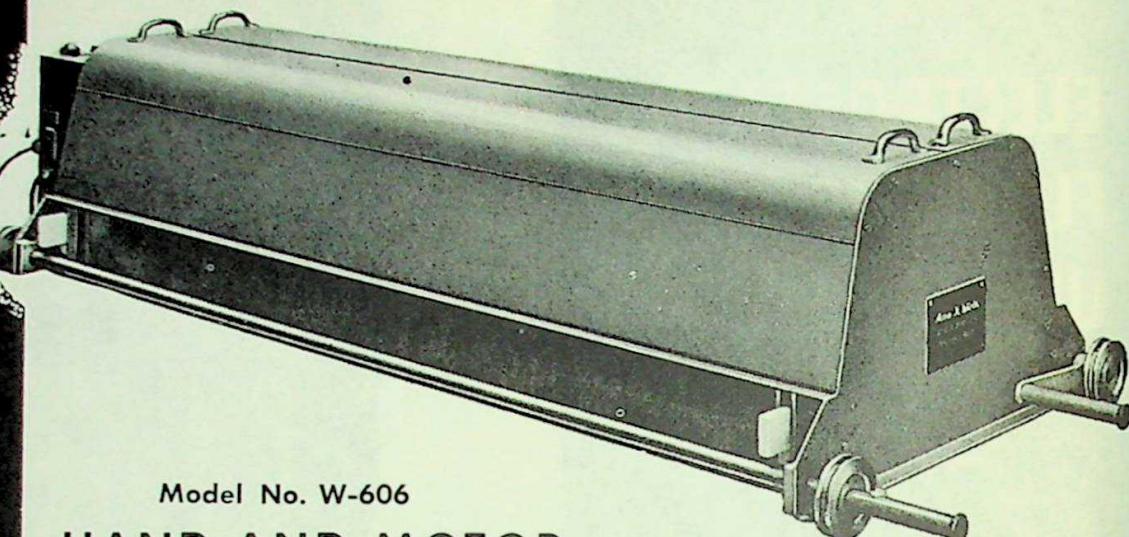
\$ 515. CRATING - \$ 25.

**PURPOSE:** This hand sieve attachment is suitable for connection to the standard types of electrostats S 1 or S 2 and allows one side flocking on sheets by a very simple method.

After connection to the Electrostats S 1 or S 2 as per the service instructions, the container is filled approx. 75% with flocks. When pressing the button at the handle, the high tension is switched on. Flocks are passed vertically through the bottom when the ductor device is operated accompanied by a slight lateral shaking. The shaking movement is stopped, a large quantity of the excess flocks are taken up and returned again into the container. By this method of flocking from top to bottom, dust and flock waste are reduced to a minimum.

# Automatic Flocking Carriage

## ELECTROSTATIC FLOCKING UNITS



Model No. W-606

### HAND AND MOTOR DRIVEN MODELS AVAILABLE

#### DESCRIPTION:

A movable frame of light construction is supported by two shafts, the ends of which have ball bearing running wheels. Two ledges of plastic keep the special sieve-electrode, which is easily interchangeable in place. The electrode is linearly oscillated by a hand-lever mechanism at the right shaft. Above this flocking electrode the flock container is suspended. A system of brushes, easily detachable, is placed inside this container. The stationary left shaft forms a handle at its end by means of which the flocking carriage can be moved on the rails over the merchandise to be flocked. This handle has a conveniently positioned switch key, operating the special electrostat which is positioned at the opposite wall. The flock container is protected by a steel sheet casing, the cover and walls of which can be opened until they reach a stop. There is ample space to refill the flock-container. The closed casing is absolutely tight. The covers can be opened beyond the stop. The inside then is fully opened for cleaning or interchange of flock-colour. The electrostat is only equipped with the absolutely necessary controls while—at a slight extra—it can be provided with a connection for the hand sieve attachment W-10 for flocking small samples.

The flocking carriage W-606 can also be supplied with motor-driven shaking sieve. The steplessly variable control gear is in a dustproof casing of the same dimension as the electrostat at the opposite front wall for the flocking carriage.

#### SPECIFICATIONS

##### FOR HAND-OPERATED FW 1/57 Model No. W-606

Working width up to 55", as per customers' order

Length: Working width + 21.3"

Width: 700 mm 27.5"

Height: 430 mm 17"

Gauge: Working width + 11.5" min., otherwise as per customer's order

Mains supply: 220 V. Monophase, 50 cy. standard execution, otherwise as per customer's request

Power consumption: 60 W

##### MOTOR-OPERATED FW 1/57 Model No. W-608

Mains supply: 220/380 V triphase current

Power consumption: 250 W (otherwise as stated above)

Model No. W-606. (Hand-operated).48" Working Width.\$2,350. Crating \$75.00

Model No. W-608. (Motor-operated).48" Working Width.\$2,850. Crating \$95.00

**ADVANCE** PROCESS SUPPLY CO., INC.

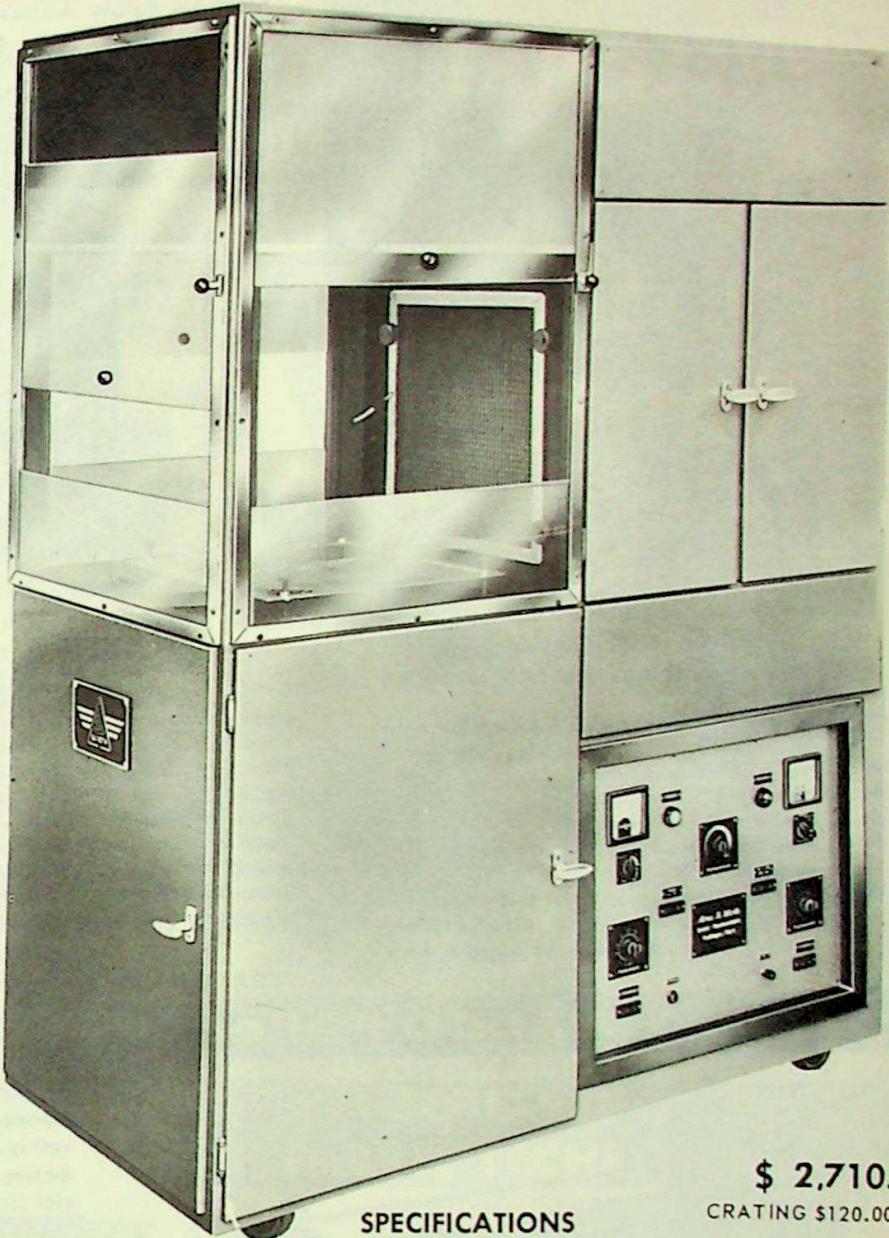
CHICAGO 12, ILLINOIS U.S.A.

# ELECTROSTATIC FLOCKING UNITS

## Model No. W-99

The W-99 Machine can also be supplied as a cabin type with an open front side, so that the objects to be flocked can be put in. The side walls of the cabin consists of plexiglas and the cover is developed as a suction plant. An exhauster sucks off the surplus flocks which are floating in the space above the sieve electrode and transports them back together with the previously mentioned flock conveyor belt into the amply proportioned container. This procedure prevents at the same time a streaming of the flocks into the space outside of the cabin. The electrostat is also fitted into the frame of the cabin.

For special demands the cabin can also be supplied with a closed front wall made of plexiglas. In those cases the cabin is made without the two plexiglas side walls, and objects suspended on a conveyor chain can therefore be moved continuously through the electrostatic field.



**\$ 2,710.**

CRATING \$120.00

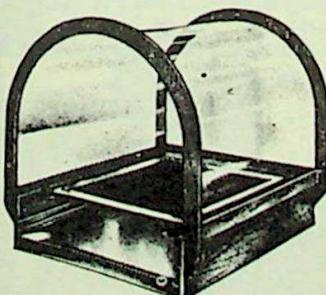
## SPECIFICATIONS

Height .....	.88"
Width .....	33"
Depth .....	60"
Working Space .....	24" x 28" x 34"
Surface of Electrode .....	20" x 20"
Line Voltage ... 3 phase -	220/380 V (Other Voltage on Request)

Capac. of Flock Container ..	approx. 70 qts. (approx. 25 lbs.)
Connected Load .....	0.5 kW
High Tension .....	46 kV
Speed of Flock Conveyor Belt ..	Regulable from 0 to 23 yards per minute
Weight .....	964 lbs.

## Flock Coating Tray NO.120

### Model No. W-1.8



**PURPOSE:** Additional attachment for connection to standard type of Electrostat S 2 allowing a flocking of several sides of objects by means of electrostatic fields. Flocking direction against gravity from bottom to top.

**DESCRIPTION:** The unit consists of 4 parts:

- a) earthed flocking tray
- b) flocking electrode, connected by a cable to the high tension socket at the Electrostat S 2
- c) one housing in which are installed the parts described under position a) and
- d) one plexiglas housing against troubles by dust of flocks.

By a foot-switch the high tension is switched on, whereby the fibres are electrostatically moved against gravity from bottom to top. The object to be flocked is held over the high tension carrying flocking electrode and has to be turned and moved from one side to the other, so that the flocks are equally and vertically entering into the adhesive layer.

The flock coating tray is also supplied without plexiglas housing. Modifications of weights and dimensions reserved!

**\$120.**

CRATING - \$ 15.

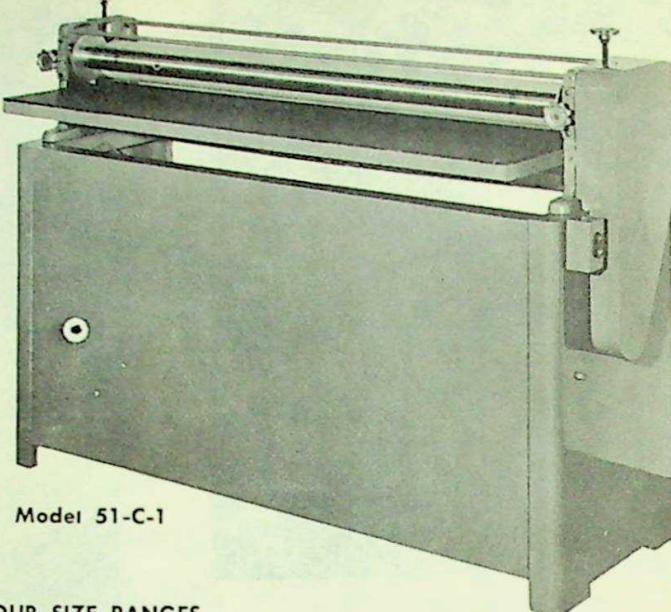
**ADVANCE PROCESS SUPPLY CO., INC.**

CHICAGO 12, ILLINOIS U.S.A.

# PRECISION BUILT ROLLER COATERS

## WALCO Roller Coater (Floor Model)

To Apply Adhesives, Paints, Enamels, Oils and Other Coating Materials  
Explosion-Proof and Variable Speed Driver Models Available.



Model 51-C-1

### ENTIRELY NEW FEATURES

- 1. New all steel base and fully supported frame.
- 2. New self-aligning ball bearing take-up adjustments.
- 3. New Roll Construction.
- 4. New Pan Suspension.
- 5. Easily removable rolls.
- 6. New Top Frame Supports for good alignment of rolls.
- 7. New precision machined roll slides.
- 8. Exclusive spring-loaded discs prevent coating material from seeping over ends of rollers.

### FOUR SIZE RANGES

Heavy duty coaters are now being used by screen processors—aircraft manufacturers—plastic fabricators—sign shops—steel fabricating and stamping plants—photographic sensitizers—leather processors—plywood and plywood products manufacturers—furniture plants—and for many other special coating operations, paper box, hardboard, etc.

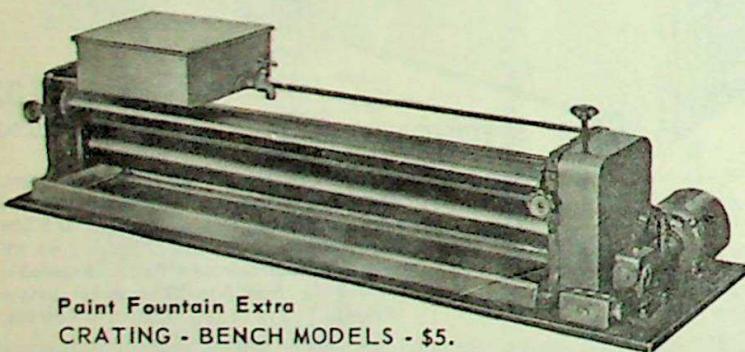
### VARIABLE SPEED DRIVE

ADDITIONAL..\$50.00

CRATING - FLOOR MODELS - \$10.

MODEL NO.	TYPE COATING	SIZE ROLLER WIDTH	PRICE
51-C-1	1 side	52"	\$700.
51-D-2	2 side	52"	\$780.
51-C-1A	1 side	40"	\$675.
51-D-2A	2 side	40"	\$750.
51-C-1B	1 side	20"	\$650.
51-D-2B	2 side	20"	\$725.
51-C-1C	1 side	12"	\$625.
51-D-2C	2 side	12"	\$695.

## WALCO Roller Coater (Bench Model)



Paint Fountain Extra

CRATING - BENCH MODELS - \$5.

For single coating on one side of material. Coating roll is placed above the pressure roll in the same vertical plane. The smaller doctor roll is on the infeed side. Reservoir is formed by the angular space between the rolls. Exclusive spring-loaded discs keep coating material from seeping over ends of rollers.

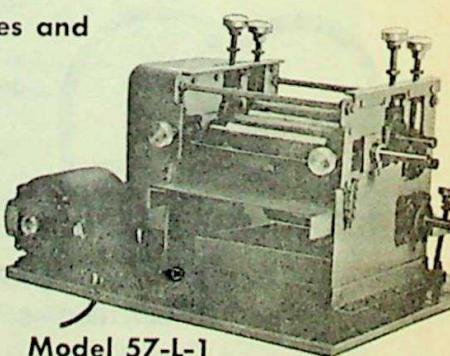
MACHINE DIMENSIONS	MODEL NO.	COATING	SIZE ROLLER WIDTH	PRICE
Length ..... 61 1/4"	55-A-1	1 side	52"	\$575.
Height ..... 46 3/4"	55-B-2	2 side	52"	\$635.
Feed Level ..... 35"	55-A-1A	1 side	40"	\$550.
Depth ..... 20"	55-B-2A	2 side	40"	\$605.
Weight ..... 275 lbs.	55-A-2B	1 side	20"	\$520.
	55-B-2B	2 side	20"	\$575.
	55-A-1C	1 side	12"	\$495.
	55-A-2C	2 side	12"	\$550.

## THE WALCO ROLLER COATER (Laboratory Model)

WALCO LAB COATER		BENCH MODELS		FLOOR MODELS	
Model No.	Roller Width Size	Price	Crating	Price	Crating
57-L-52	41" to 52"	\$625.	\$5.	\$750.	\$10.
57-L-40	21" to 40"	\$580.	\$5.	\$705.	\$10.
57-L-20	13" to 20"	\$550.	\$5.	\$675.	\$10.
57-L-12	8" to 12"	\$525.	\$5.	\$650.	\$10.

For Paints, Inks, Plastics, Adhesives and Many Other Coating Mediums.

Available with all steel pick-up rolls, and transfer rolls for paints, adhesives or rubber for Inks, Emulsions, photographic materials. Bottom steel pressure roll adjustable eliminating necessity of disturbing coating roll setting when changing material thicknesses. Pick-up and transfer rolls allow for more accurate coating control when running tests on laboratory materials and experimental work.



ALL ABOVE MACHINES PRICED F.O.B. CALIFORNIA

Model 57-L-1

**ADVANCE** PROCESS SUPPLY CO., INC.  
CHICAGO 12, ILLINOIS U.S.A.

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## SCREEN PROCESS PRINTING second edition

By ALBERT KOSLOFF

over 286 pages . Numerous charts and illustrations

This book is most practical for the newcomer and student, and a practical aid to the processor who is interested in improving his technique of color work, halftones, autopositive film and all the new developments in screen process are discussed.

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## SCREENING FABRIC TECHNIQUES

By DOROTHY HARKINS

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# POINTS for Proper Process Printing



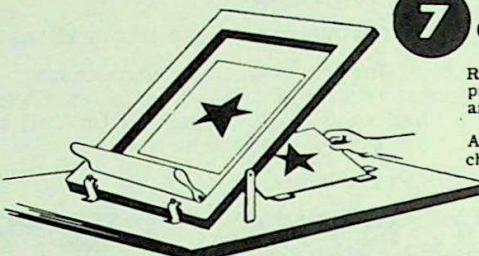
## 1 Hinge screen to base

Place hinge clamps on level, smooth base approximately 2" from each end of screen.

Fasten hinges in center of slotted holes using screws and washers. Lock screen in registration by simply tightening thumb screws on clamps.

Register screen in final position and lock screws tightly.

If loose pin hinges are used, setting of the screen follows similar procedure.



## 7 Check print

Raise screen—Remove printed piece and examine print carefully.

Any corrections or changes should be made at this time.

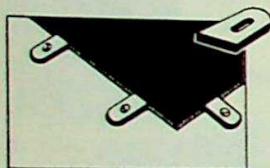
Leaks and pinholes can also be blocked out on the screen.

## Set guides

### 2 FOR RIGID PIECES

Set feeding guides for cardboard, masonite, glass, metal, etc.

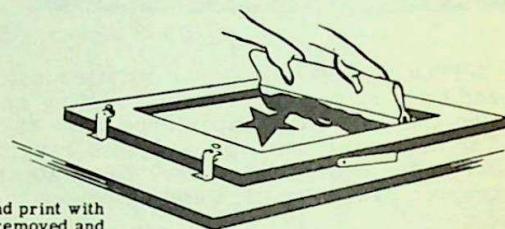
Guides must be thinner than piece to be printed. No screws, nails or sharp edges should protrude.



### 8 Production

The printing operation is now continuous. Color is scooped up with squeegee and brought to opposite end of screen.

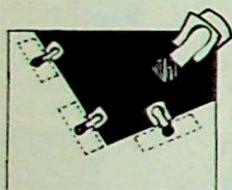
Hold squeegee at slight angle and print with sharp edge. Printed piece is removed and new sheet inserted in guides. Rack printed pieces until color is completely dried.



### 3 FOR PAPERS

For light weight papers set paper guides or thin piece of tape.

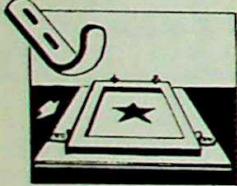
A suction base is very important for holding down stock when printing large areas.



### 4 FOR COLOR REGISTER

Exercise extra care when printing multiple colors.

Hinges must be fastened securely and frame register guides keep screen securely in printing position.



### 9 Washup

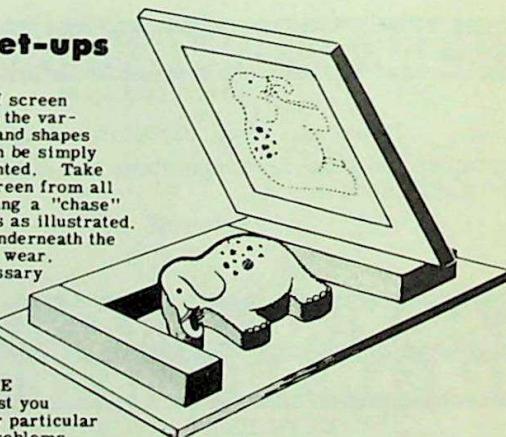
When printing run is finished scoop up all unused color with ink knife or hard cardboard and replace in ink can. Place newspaper under screen and lower to base as in printing position.

Pour washup solvent in screen and proceed to loosen all color. With clean cloth mop dry. Repeat this procedure once again.

Screen is now ready to be stored for reuse.

### 10 Special Set-ups

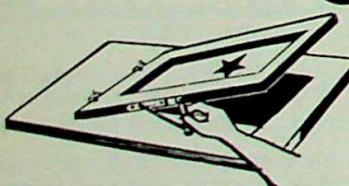
The true versatility of screen process is based upon the various sizes, thickness and shapes of materials which can be simply and economically printed. Take care to protect the screen from all sharp edges by building a "chase" about irregular shapes as illustrated. Masking tape placed underneath the screen also prevents wear. Ingenuity will be necessary in many applications. Curved and round objects require special mechanisms.



**ADVANCE**  
will assist you  
with your particular  
set-up problems.

### 5 Fasten sidekick

A sidekick is a simple device for holding screen in up position when feeding, setting guides or cleaning screen. Mechanical sidekicks save extra operations. A sturdy drilled lathe however will perform satisfactorily.

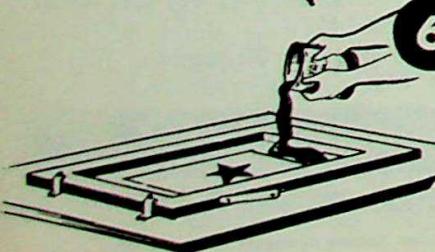


### 6 Proof screen

Place a piece to be printed in the guides.

Proper color is poured in reservoir area of the screen.

Squeegee color to hinge side of screen leaving squeegee in this position.



### HELPFUL HINTS

- A- Screen should be set 1/8" to 3/16" off contact from piece to be printed.
- B- Textile printing is best accomplished by printing on contact.
- C- Flooding screen keeps color from drying in open areas of screen.
- D- Keep squeegee sharp for best printing.
- E- A nail placed upright on hinge end of frame keeps squeegee handle upright.
- F- For large runs tape placed inside screen prevents paint seepage.

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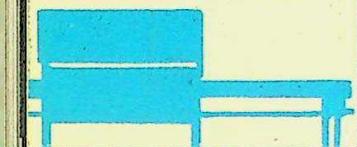
**X**

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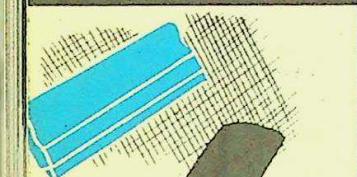
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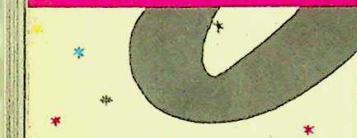
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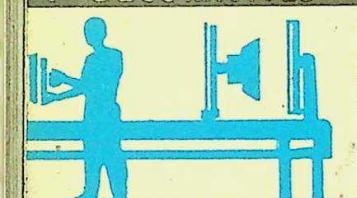
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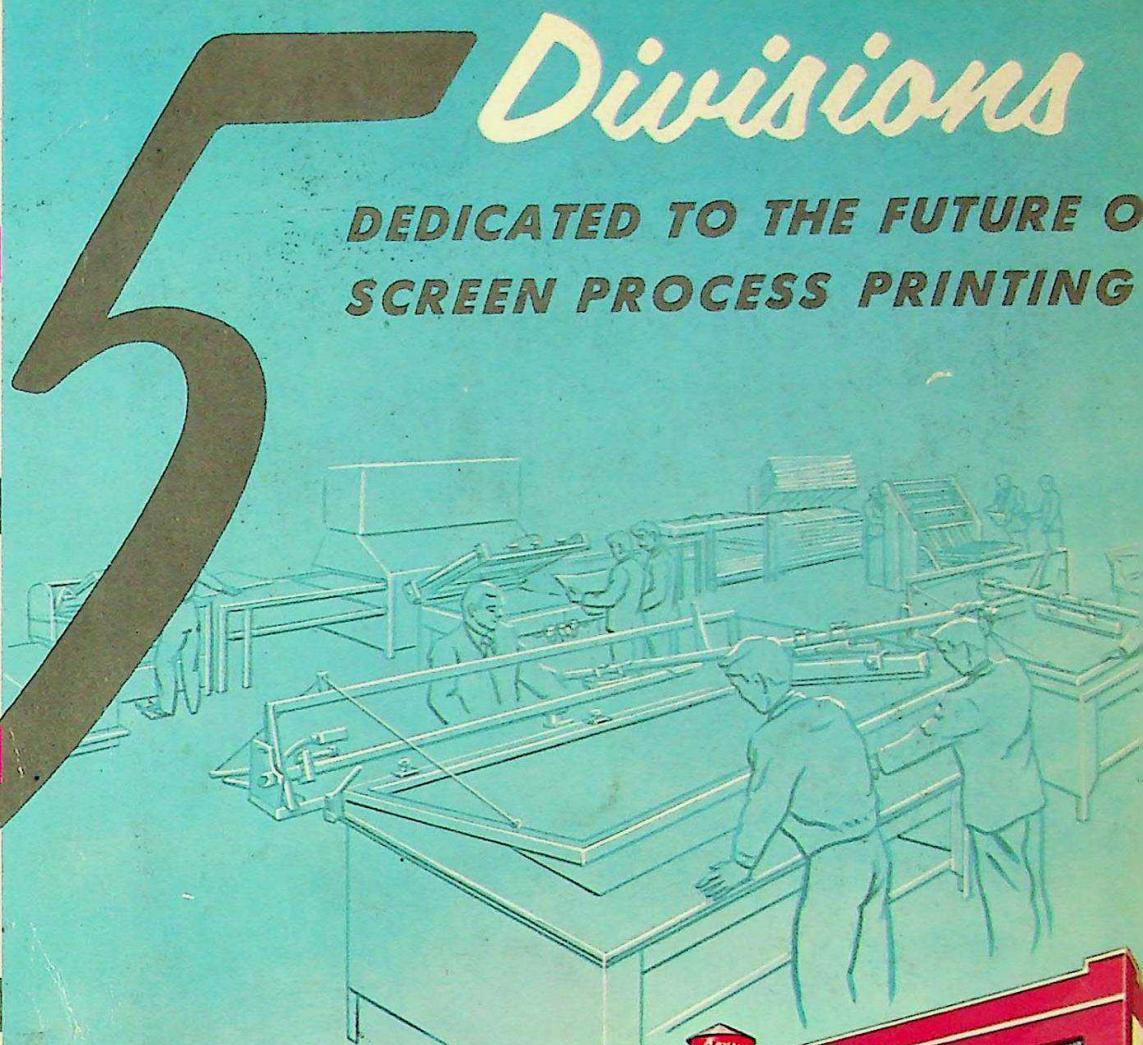
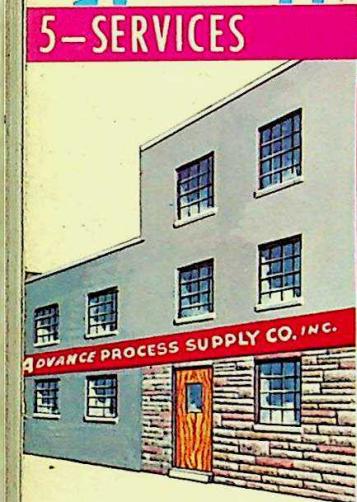
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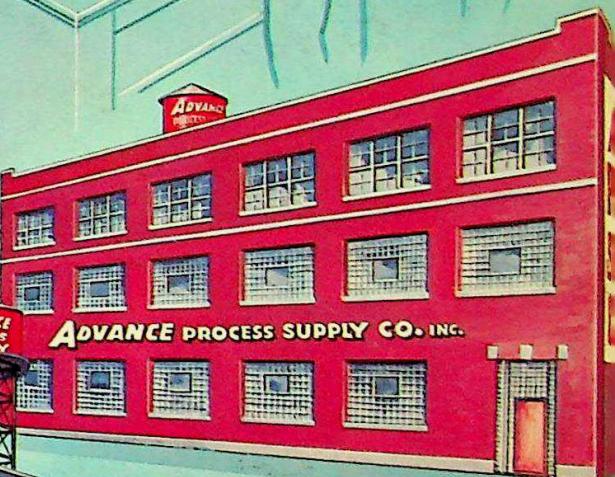


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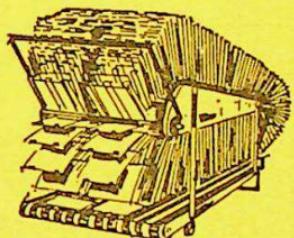


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